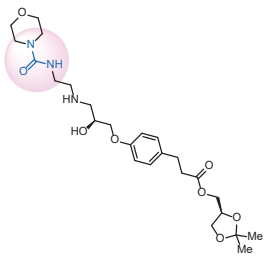
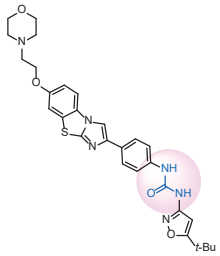
Aliphatic Isocyanates for Urea and Urethane Syntheses

Introduction

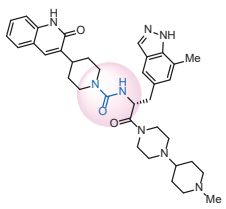
Owing to their polarity and the ability to form non-covalent interactions with specific molecular targets, ureas and urethanes are prevalent in approved and investigative drug structures.[1,2] Urea formation is in the top 10 most-used transformations in generating screening libraries.[3] Isocyanates are versatile and universal reagents for forming urea and urethane structures, and their libraries are constantly being developed and expanded.[4] Explore Enamine's latest collection of aliphatic isocyanates!



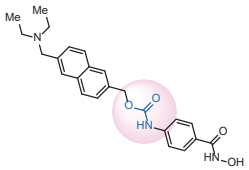
Landiolol
β-adrenergic blocker
FDA approved 2024, treatment of cardiac conditions
Ono Pharm



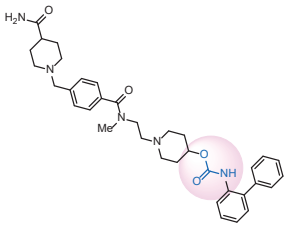
Quizartinib
tyrosine kinase inhibitor
FDA approved 2023, anticancer
Daiichi Sankyo



Zavegepant
calcitonin gene-related peptide receptor antagonist
FDA approved 2023, antimigraine
Bristol-Myers Squibb

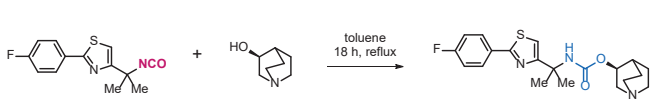


Givinostat
histone deacetylase inhibitor
FDA approved 2024, treatment of muscular dystrophy
Italfarmaco



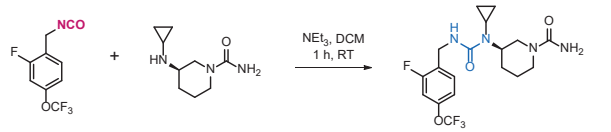
Revefenacin
muscarinic receptor antagonist
FDA approved 2018, treatment of COPD
Theravance

Reactions



WO2024116127 (*Genzyme Corp*)

Venglustat
glucosylceramide synthase inhibitor
Phase 3 trials

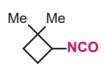


WO2022192370 (*Jnana Ther*)

Repinatrabit
promoter of Phe reabsorbance
Phase 3 trials

We offer: over 250 aliphatic isocyanates from stock on 5-10 gram scale.

EN300-7248514



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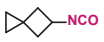

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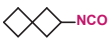

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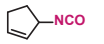

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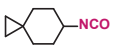

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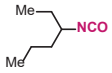

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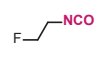

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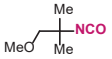

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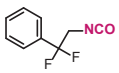

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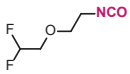

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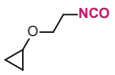

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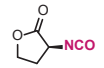

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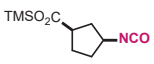

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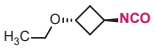

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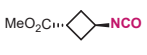

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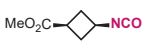

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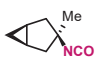

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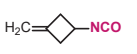

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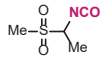

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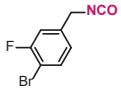

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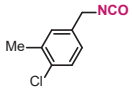

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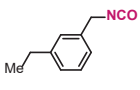

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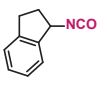

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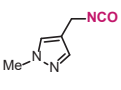

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EN300-7551687

References

1. A. Ghosh and M. Brindisi. *J. Med. Chem.* **2020**, *63*, 2751.
2. A. Ghosh and M. Brindisi. *J. Med. Chem.* **2015**, *58*, 2895.
3. Y. Wang et al. *J. Med. Chem.* **2021**, *64*, 17115.
4. J. Vargas et al. *Org. Biomol. Chem.* **2025**, *23*, 487.

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