

Building Blocks / Catalysts and Ligands / Material Science / ADC & Protac Linkers

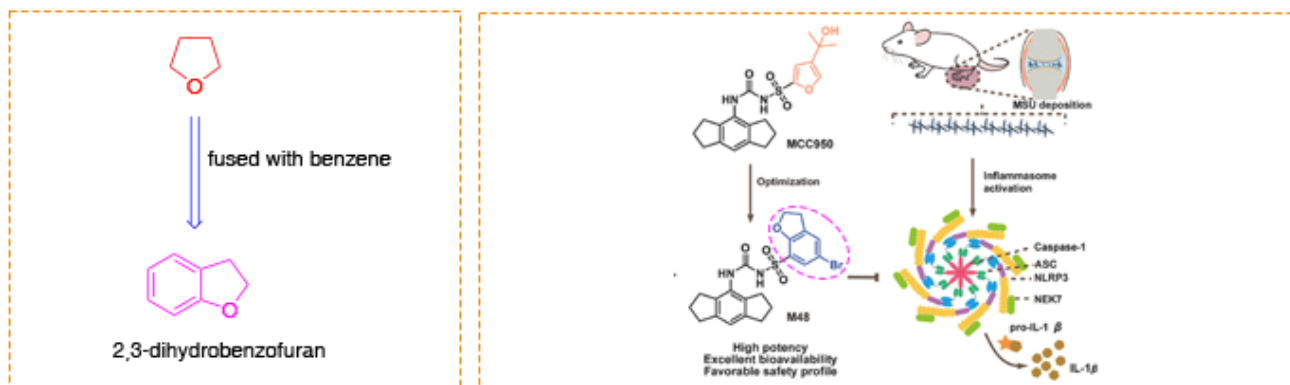
ChemScene can deliver a variety of products, including Building Blocks, Catalysts & Ligands, Material Science, ADC & Protac Linkers, etc. We have **2,100+** chemists and analysts. Our R&D team have already worked closely with pharmaceutical/biotech companies, universities, and research institutions. We currently own **20,000+** ChemScene exclusive building blocks which are structurally novel.

- **95,000+** In global stock, **880,000+** Catalog
- Meet the customized synthesis of compounds from mg to kg

If you have any questions or chemical needs, please feel free to reply to this email.

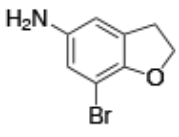
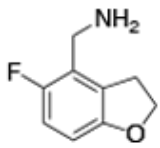
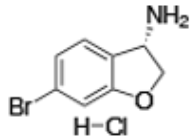
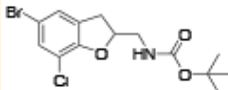
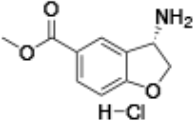
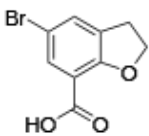
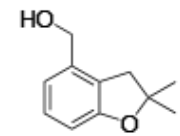
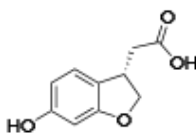
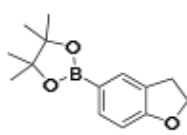
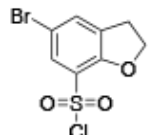
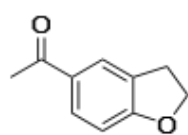
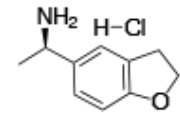
Introduction

2,3-Dihydrobenzofuran is a fused bicyclic scaffold formed by fusing a benzene ring with a saturated tetrahydrofuran ring. Distinct from fully aromatic furan or benzofuran frameworks, this scaffold features saturated sp^3 carbons at the 2,3 positions that create a semi-rigid three-dimensional conformation, which adapts well to irregular hydrophobic binding pockets and reduces ligand conformational flexibility. The internal ether oxygen functions as a moderate hydrogen bond acceptor to reinforce target interactions, and the saturated heterocyclic backbone largely lowers risks of reactive toxic metabolites inherent to planar furans. Collectively, these structural attributes make the scaffold widely used in the design of anti-inflammatory, neuroprotective and antitumor small-molecule therapeutics. So far, Chemscene has developed many 2,3-dihydrobenzofuran building blocks. For more information, please visit www.chemscene.com or contact us at sales@chemscene.com.



Kong, Y. et al., *Eur. J. Med. Chem.* 305(2026) 118578

Related products:

CS-0618451	CS-0132023	CS-0132967	CS-B1144
			
CS-0197048	CS-W023134	CS-0100282	CS-M3101
			
CS-0041481	CS-0233579	CS-M0161	CS-0697207
			

Brochures of ChemScene



📖 Building Blocks



📖 Chiral Phosphine Ligands



📖 Organic Photoelectric Materials



📖 ADC

Latest Publications Citing Use of ChemScene Products



Small 2407549, (2025).

Nat Protoc 20, 480-517 (2025).

Nat Commun 15, 10507 (2024).

Nat Commun 15, 7029 (2024).

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