

Product Datasheet

CYM5442 hydrochloride (orb1690096)

Catalog Number	orb1690096
Category	Small Molecules
Description	CYM 5442 hydrochloride is a brain-penetrant, selective S1P1 receptor agonist (EC50 = 1.35 nM). It demonstrates functional activity in vitro by inducing S1P1-mediated MAPK phosphorylation and in vivo by causing acute lymphopenia in mice, making it a useful research tool for immunology and neuroinflammation studies.
Target	LPL Receptor,Others
MW	445.94
CAS Number	1783987-80-3
Formula	C ₂₃ H ₂₈ ClN ₃ O ₄
SMILES	Cl.CCOc1ccc(cc1OCC)-c1nc(no1)-c1cccc2C(CCc12)NCCO
Storage	-20°C
Note	For research use only
Expiration Date	12 months from date of receipt.

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