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## CYM-5442

产品编号: D51183

CAS: 1094042-01-9

分子式: C<sub>23</sub>H<sub>27</sub>N<sub>3</sub>O<sub>4</sub>

纯度: ≥98%

InChi: InChI=1S/C<sub>23</sub>H<sub>27</sub>N<sub>3</sub>O<sub>4</sub>/c1-3-28-20-11-8-15(14-21(20)29-4-2)23-25-22(26-30-23)18-7-5-6-17-16(18)9-10-19(17)24-12-13-27/h5-8,11,14,19,24,27H,3-4,9-10,12-13H2,1-2H3

InChi Key: NUIKTBLZSPQGCP-UHFFFAOYSA-N

Smiles: CCOC1C=CC(=CC=1OCC)C1=NC(=NO1)C1C=CC=C2C(CCC=12)NCCO

外观: 固体粉末

作用通路: LPL Receptor

溶解性: Soluble in DMSO, not in water

保存条件: Store in dry, dark place for one year.

产品介绍: CYM-5442 is a highly-selective S1P1 (Sphingosine 1-Phosphate Receptor 1) agonist. CYM-5442 reduces the severity of acute GVHD by inhibiting macrophage recruitment. CYM-5442 significantly inhibited but did not prevent aGVHD. CYM-5442 treatment downregulated CCL2 and CCL7 expression in endothelial cells, therefore reducing the migration of monocytes, from which tissue macrophages originate. CYM-5442 may be a potential therapeutic regimen for aGVHD.