
Lenalidomide(hemihydrate)

产品编号: D60240

CAS: 847871-99-2

分子式: C₁₃H₁₄N₃O_{3.5}

纯度: 99%

InChi Key: InChIKey=OTJHSDXKMBRCMM-UHFFFAOYSA-N

Smiles: O=C(C(N(CC1=C2C=CC=C1N)C2=O)CC3)NC3=O.O=C(C(N(CC4=C5C=CC=C4N)C5=O)CC6)NC6=O.[H]O[H]

外观: 固体粉末

作用通路: Apoptosis

作用靶点: Cereblon; TNF; Ligand for E3 Ligase; Molecular Glues

溶解性: Soluble in DMSO、H₂O

保存条件: -20°C

产品介绍: Lenalidomide hemihydrate (CC-5013 hemihydrate), a derivative of Thalidomide, acts as molecular glue. Lenalidomide hemihydrate is an orally active immunomodulator. Lenalidomide hemihydrate (CC-5013 hemihydrate) is a ligand of ubiquitin E3 ligase cereblon (CRBN), and it causes selective ubiquitination and degradation of two lymphoid transcription factors, IKZF1 and IKZF3, by the CRBN-CRL4 ubiquitin ligase. Lenalidomide hemihydrate (CC-5013 hemihydrate) specifically inhibits growth of mature B-cell lymphomas, including multiple myeloma, and induces IL-2 release from T cells