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## Olmutinib free base

产品编号: D51565

CAS: 1353550-13-6

分子式: C<sub>26</sub>H<sub>26</sub>N<sub>6</sub>O<sub>2</sub>S

纯度: ≥98%

InChi: InChI=1S/C<sub>26</sub>H<sub>26</sub>N<sub>6</sub>O<sub>2</sub>S/c1-3-23(33)27-19-5-4-6-21(17-19)34-25-24-22(11-16-35-24)29-26(30-25)28-18-7-9-20(10-8-18)32-14-12-31(2)13-15-32/h3-11,16-17H,1,12-15H<sub>2</sub>,2H<sub>3</sub>, (H,27,33)(H,28,29,30)

InChi Key: FDMQDKQUTRLUBU-UHFFFAOYSA-N

Smiles: CN1CCN(CC1)C1C=CC(=CC=1)NC1=NC2C=CSC=2C(=N1)OC1C=C(C=CC=1)NC(=O)C=C

外观: 固体粉末

作用通路: EGFR

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: Olmutinib, also known as HM61713 and BI-1482694, is a potent small molecule inhibitor of Bruton's tyrosine kinase (BTK). BTK is a member of the Tec family of non-receptor protein tyrosine kinases. BTK is mostly expressed in hematopoietic cells such as B cells, mast cells and macrophages. BTK plays key roles in multiple cell signaling pathways including B-Cell Receptor (BCR) and Fc receptor (FcR) signaling cascades and is an essential mediator not only in B-cell dependent but also in myeloid cell dependent inflammatory arthritis. HM71224 has been selected as a novel therapeutic agent for the treatment of autoimmune diseases such as RA.