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## PR-619

产品编号: D50863

CAS: 2645-32-1

分子式: C<sub>7</sub>H<sub>5</sub>N<sub>5</sub>S<sub>2</sub>

纯度: ≥98%

InChi: InChi=1S/C<sub>7</sub>H<sub>5</sub>N<sub>5</sub>S<sub>2</sub>/c8-2-13-4-1-5(14-3-9)7(11)12-6(4)10/h1H,(H4,10,11,12)

InChi Key: ZXOBLNBVNROVLC-UHFFFAOYSA-N

Smiles: NC1N=C(N)C(=CC=1SC#N)SC#N

外观: 固体粉末

作用通路: Apoptosis

溶解性: DMSO up to 100 mM

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

产品介绍: PR-619 is a cell-permeable, non-selective, reversible broad-range inhibitor of the deubiquitinating enzymes (DUBs) with IC<sub>50</sub> of 1-20 μM. PR-619 is shown to increase overall protein polyubiquitination in HEK293T cells in a dose- and time-dependent manner (20 to 150 μM, 0.5 to 20 h) without direct impairment of proteasomal proteolysis. PR-619 treatment results in upregulation of both K48 - and K63-linked polyUb chains. It induces HCT116 cell death with EC<sub>50</sub> ~6.3 μM.