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## PRT4165

产品编号: D50907

CAS: 31083-55-3

分子式: C<sub>15</sub>H<sub>9</sub>NO<sub>2</sub>

纯度: ≥98%

InChi: InChI=1S/C<sub>15</sub>H<sub>9</sub>NO<sub>2</sub>/c17-14-11-5-1-2-6-12(11)15(18)13(14)8-10-4-3-7-16-9-10/h1-9H

InChi Key: OMHZFEWYVFWVLI-UHFFFAOYSA-N

Smiles: O=C1C(=CC2C=NC=CC=2)C(=O)C2=CC=CC=C12

外观: 固体粉末

作用通路: E1/E2/E3 Enzyme

溶解性: DMSO up to 100 mM

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

产品介绍: PRT4165 is a small molecule inhibitor of polycomb repressive complex 1, which inhibits ubiquitin signaling at DNA double-strand breaks. PRT4165 is a potent inhibitor of PRC1-mediated H2A ubiquitylation in vivo and in vitro. The drug also inhibits the accumulation of all detectable ubiquitin at sites of DNA double-strand breaks (DSBs), the retention of several DNA damage response proteins in foci that form around DSBs, and the repair of the DSBs.