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## Heclin

产品编号: D50909

CAS: 890605-54-6

分子式: C<sub>17</sub>H<sub>17</sub>NO<sub>3</sub>

纯度: ≥98%

InChi: InChI=1S/C<sub>17</sub>H<sub>17</sub>NO<sub>3</sub>/c1-3-15-8-9-16(21-15)10-11-17(20)18-14-6-4-13(5-7-14)12(2)19/h4-11H  
,3H<sub>2</sub>,1-2H<sub>3</sub>, (H,18,20)/b11-10+

InChi Key: SPTWXRJNCFIDRQ-ZHACJKMWSA-N

Smiles: CC(=O)C1C=CC(=CC=1)NC(=O)C=CC1=CC=C(CC)O1

外观: 固体粉末

溶解性: DMSO up to 100 mM

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

产品介绍: Heclin is a selective HECT E3 ubiquitin ligase inhibitor, inhibits Nedd4, Smurf2 and WWP1 with IC<sub>50</sub> 6.3, 6.8 and 6.9 μM respectively. It is selective for HECT-mediated over RING-mediated ubiquitination. Heclin does not block E2 binding but causes a conformational change that results in oxidation of the active site Cys. It kills HEK293 cells growing in culture, consistent with an essential role for HECT ligase activity in mammalian cells.