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## BPTES

产品编号: D51135

CAS: 314045-39-1

分子式: C<sub>24</sub>H<sub>24</sub>N<sub>6</sub>O<sub>2</sub>S<sub>3</sub>

纯度: ≥98%

InChi: InChI=1S/C<sub>24</sub>H<sub>24</sub>N<sub>6</sub>O<sub>2</sub>S<sub>3</sub>/c31-19(15-17-7-3-1-4-8-17)25-23-29-27-21(34-23)11-13-33-14-12-2  
2-28-30-24(35-22)26-20(32)16-18-9-5-2-6-10-18/h1-10H,11-16H<sub>2</sub>, (H,25,29,31)(H,26,30,32)

InChi Key: MDJIPXYRSZHCFS-UHFFFAOYSA-N

Smiles: O=C(CC1=CC=CC=C1)NC1=NN=C(CCSCCC2=NN=C(NC(=O)CC3=CC=CC=C3)S2)S1

外观: 固体粉末

作用通路: Glutaminase

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: BPTES is a selective inhibitor of Glutaminase GLS1 (KGA), which is found in the kidney and brain, and is positively regulated by myc and strongly expressed in many tumors and tumor cell lines. BPTES has a K<sub>i</sub> of approx. 3 microM. BPTES inhibits the allosteric activation caused by phosphate binding and promotes the formation of an inactive complex.