

SIM1 biochemical

SIM1

CATALOG #
AAA228987

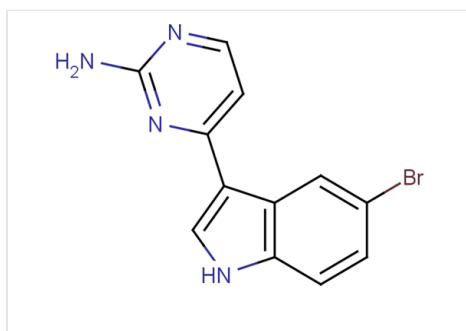
PRODUCT SYNONYMS

SIM1; Meridianin C; SIM1 biochemical

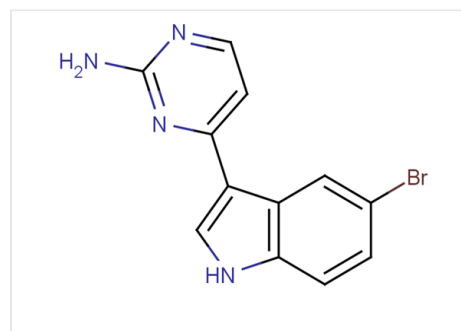
PRODUCT SPECIFICATIONS

Purity/Purification	98%
Solubility	<1mg/ml refers to the product slightly soluble or insoluble
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES


Structure

2-Pyrimidinamine, 4-(5-bromo-1H-indol-3-yl)-, CAS 213473-00-8


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ADDITIONAL INFORMATION

Related Product Information for SIM1 biochemical	SIM1 is a potent and selective trivalent PROTACDegrader based on BET bromodomain inhibitors linked to a Von Hippel Lindau (VHL) ligand via branched linkers. SIM1 degrades all BET family proteins with a preference for BRD2 (DC50values = 0.7 nM, 1.1 nM and 3.3 nM for BRD4, BRD2 and BRD3, respectively). SIM1 degrades BRD2 more significantly and rapidly than BRD3 and BRD4, and degrades BET proteins with a higher potency than a bivalent degrader. SIM1 also decreases protein levels for Myc and HMOX1 and induces apoptosis in prostate cancer cells.
Product Categories/Family for SIM1 biochemical	Others
References	1. Kokkaliari S, Pham K, Shahbazi N, Calcul L, Wojtas L, Wilson NG, Crawford AD, Baker BJ. Australindolones, New Aminopyrimidine Substituted Indolone Alkaloids from an Antarctic Tunicate Synoicum sp. Mar Drugs. 2022 Mar 8;20(3):196. doi: 10.3390/md20030196. PMID: 35323495; PMCID: PMC8949045.

NCBI AND UNIPROT INFORMATION

Molecular Weight	289.13
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For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/biochemical/sim1/228987>