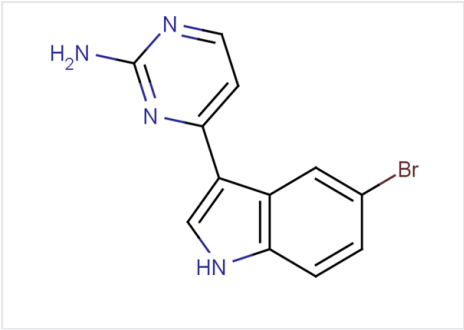
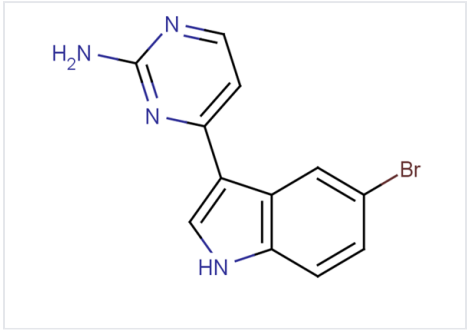
SIM1 (Meridianin C)

PRODUCT OVERVIEW

Product Name	SIM1, Biochemical
Full Product Name	SIM1
Product Gene Name	SIM1 biochemical
Product Synonym Names	Meridianin C
Purity/Purification	98%
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years
Molecular Weight	289.13
Solubility	<1mg/ml refers to the product slightly soluble or insoluble
Product Categories/Family for SIM1 biochemical	Others
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 References and Citations for SIM1 biochemical	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.
Other Notes	Small volumes of SIM1 biochemical vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for SIM1 purchase	MBS5801310 is a biochemical targeting SIM1.



Structure of SIM1 biochemical
2-Pyrimidinamine, 4-(5-bromo-1H-indol-3-yl)-, CAS 213473-00-8



Structure of SIM1 biochemical
2-Pyrimidinamine, 4-(5-bromo-1H-indol-3-yl)-, CAS 213473-00-8

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for SIM1. It may not necessarily be applicable to this product.

Protein Family	Probable secreted beta-glucosidase

Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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