

AS-85 biochemical

AS-85

CATALOG #
AAA228322

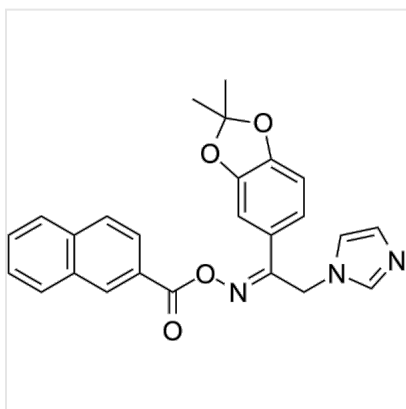
PRODUCT SYNONYMS

AS-85; AS-85 biochemical

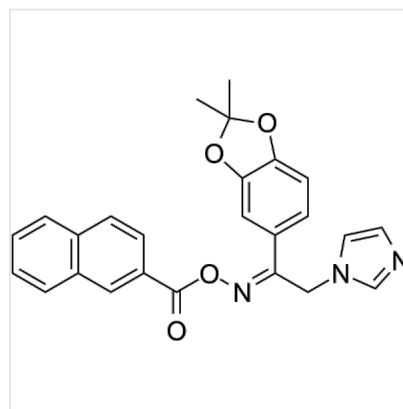
PRODUCT SPECIFICATIONS

Purity/Purification	98%
CAS	2323623-80-7
Solubility	<1mg/ml refers to the product slightly soluble or insoluble
In vitro	AS-85 inhibits the growth of leukemia cells (MV4;11, MOLM13, and KOPN8) harboring different MLL1 translocations, with GI 50 values ranging from 5uM to 25uM, and demonstrates no effect in K562 leukemia cells without MLL1 translocations[1].
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES



Structure
AChE-IN-3, CAS 2713548-95-7



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ADDITIONAL INFORMATION

Related Product Information for AS-85 biochemical	AS-85 is a potent ASH1L histone methyltransferase inhibitor (IC 50 =0.6 uM) with anti-leukemic activity. AS-85 strongly binds to the ASH1L SET domain, with the K d value of 0.78 uM.
References	1. Ren B, et al. Imidazolyacetophenone oxime-based multifunctional neuroprotective agents: Discovery and structure-activity relationships. Eur J Med Chem. 2022 Jan 15;228:114031.

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.