
Product Data Sheet

Product Name: SAH-EZH2

Cat. No.: GC50553

Chemical Properties

Cas. No. 1453222-26-8

Formula $C_{155}H_{256}N_{48}O_{40}$

M.Wt

3432.05

Solubility Soluble in DMSO

Storage

Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure **Background**

EZH2/EPP interaction inhibitor ($K_d = 320$ nM). Suppresses EZH2 expression and H3K27 trimethylation by PCR2 complex. Arrests proliferation and induces monocyte to macrophage differentiation of MLL-AF9 leukemia cell line.

Kim et al (2013) Targeted disruption of the EZH2-EED complex inhibits EZH2-dependent cancer. Nat.Chem.Biol. 9 643 PMID:23974116 | Kim et al (2015) SWI/SNF-mutant cancers depend on catalytic and non-catalytic activity of EZH2. Nat.Med. 21 1491 PMID:26552009

Caution: Product has not been fully validated for medical applications. For research use only.

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