
Product Data Sheet

Product Name: MMSET-IN-1

Cat. No.: GC36636

Chemical Properties

Cas. No. 1998139-29-9

SMILES O=C(O)[C@@H](N)CCC(NCCC)C[C@H]1O[C@@H](N2C=NC3=C(N)N=CN=C23)[C@H](O)[C@@H]1OFormula $C_{18}H_{29}N_7O_5$ M.Wt 423.47

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**

MMSET-IN-1 is a multiple myeloma SET domain (MMSET, aka NSD2/WHSC1) inhibitor against SETD2 and MMSET with IC50s of 0.49 and 3.3 μM, respectively. MMSET-IN-1 has a Kd of 1.6 μM for MMSET[1]. IC50: 0.49 μM (SETD2), 3.3 μM (MMSET)[1]Kd: 1.6 μM[1]

[1]. Tisi D, et al. Structure of the Epigenetic Oncogene MMSET and Inhibition by N-Alkyl Sinefungin Derivatives. ACS Chem Biol. 2016 Nov 18;11(11):3093-3105.

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA