

Product Data Sheet

Product Name: NUCC-0226272

Cat. No.: GC73764

Chemical Properties

Cas. No. 3004503-12-9

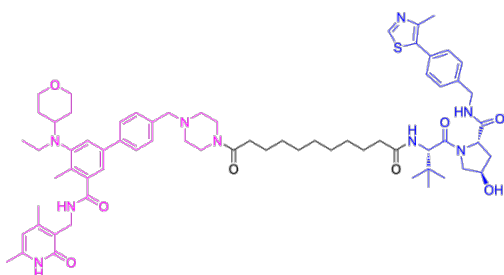
Formula $C_{67}H_{91}N_9O_8S$ M.Wt 1182.56

Solubility DMSO : ≥ 140 mg/mL (118.39 mM) Storage -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

NUCC-0226272 is a potent PROTAC that targets EZH2 for degradation. NUCC-0226272 has anti-proliferative effect. NUCC-0226272 has the potential for cancer research.

NUCC-0226272 (0.01-10 μM ; 5 days) shows anti-proliferative effect in LNCaP and 22Rv1 cells[1]. NUCC-0226272 (10 μM ; 6 days) shows strong degradation of EZH2, as well as reduction of PRC2 component SUZ12, and reduced H3K27me3 levels in C4-2B cells[1].

Pharmacokinetic Parameters of NUCC-0226272 in C57Bl/6 mouse[1].

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

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References:

[1]. Gary E. Schiltz, et al. Substituted 3-amino-5-phenylbenzamide compounds as covalent inhibitors of enhancer zeste homolog 2 (ezh2) and proteolysis-targeting chimeric derivatives thereof (protacs) that induce degradation of ezh2. US20230346953A1.

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