

Product Data Sheet

Product Name: SJF-1528 hemihydrate

Cat. No.: GC73005

Chemical Properties

Cas. No.

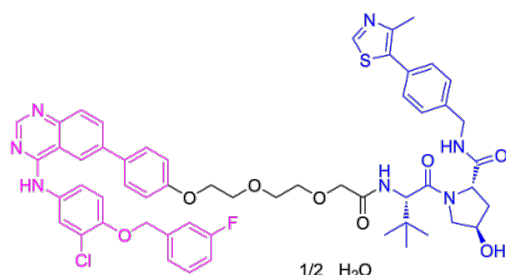
Formula $C_{55}H_{57}ClFN_7O_8S \cdot 1/2H_2O$ M.Wt 1039.62

Solubility DMSO : 104 mg/mL (100.04 mM);
Need ultrasonic and warming) Storage -20°C, sealed storage, away from moisture

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

SJF-1528 hemidrate is the hemidrate form of SJF-1528 . SJF-1528 hemidrate is a EGFR PROTAC degrader with DC50 values of 39.2 nM and 736.2 nM for wild-type EGFR in OVCAR8 cells and Exon 20 Ins mutated EGFR in HeLa cells. SJF-1528 hemidrate also degrades HER2. (Pink: ligand for target protein ; Black: linker Tos-PEG2-CH2-Boc ; Blue: ligand for E3 ligase (S,R,S)-AHPC)

References:

[1]. Burslem GM, et al. The Advantages of Targeted Protein Degradation Over Inhibition: An RTK

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

Product Data Sheet

Case Study. Cell Chem Biol. 2018 Jan 18;25(1):67-77.e3.

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