

Product Data Sheet

Product Name: JZP-430
Cat. No.: GC34640

Chemical Properties

Cas. No. 1672691-74-5

SMILES O=C(OC1=NSN=C1N2CCOCC2)N(C3CCCCCCCC3)C

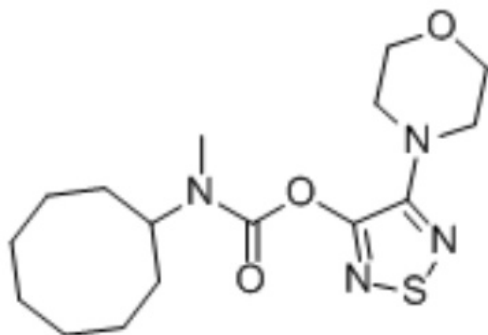
Formula $C_{16}H_{26}N_4O_3S$ M.Wt 354.47

Solubility DMSO : 100 mg/mL (282.11 mM; Need ultrasonic) 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

JZP-430 is a potent, highly selective, irreversible inhibitor of α/β -hydrolase domain 6 (ABHD6) with an IC₅₀ of 44 nM, exhibits ~230-fold selectivity over fatty acid amide hydrolase (FAAH) and lysosomal acid lipase (LAL)[1]. IC₅₀: 44 nM (ABHD6, human)[1]

[1]. Patel JZ, et al. Optimization of 1,2,5-thiadiazole carbamates as potent and selective ABHD6

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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inhibitors. ChemMedChem. 2015 Feb;10(2):253-65.

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