

Product Data Sheet

Product Name: MF-094
Cat. No.: GC34670

Chemical Properties

Cas. No. 2241025-68-1

SMILES O=C(NC1=CC=CC2=C1C=CC=C2S(=O)(NC(C)(C)C)=O)[C@@H](NC(C3CCCCC3)=O)CC4=CC=CC=C4

Formula $C_{30}H_{37}N_3O_4S$ M.Wt 535.7

Solubility DMSO : 125 mg/mL (233.34 mM) 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.

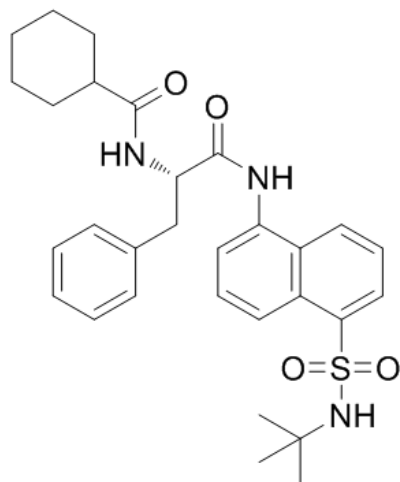
Caution: Product has not been fully validated for medical applications. For research use only.

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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Structure



Background

MF-094 is a potent and selective USP30 inhibitor with an IC₅₀ of 120 nM. IC₅₀: 120 nM (USP30)[1]

[1]. Kluge AF, et al. Novel highly selective inhibitors of ubiquitin specific protease 30 (USP30) accelerate mitophagy. Bioorg Med Chem Lett. 2018 Aug 15;28(15):2655-2659.

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