

Product Data Sheet

Product Name: FEN1-IN-5

Cat. No.: GC73487

Chemical Properties

Cas. No. 824983-93-9

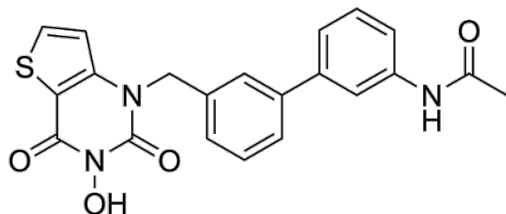
Formula $C_{21}H_{17}N_3O_4S$ M.Wt 407.44

Solubility DMSO : 100 mg/mL (245.43 mM; Need ultrasonic) Storage 4°C, sealed storage, away from moisture and light

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

FEN1-IN-5 (compound 12A) is a potent inhibitor of Flap endonuclease-1 (FEN1, IC₅₀=12 nM), involving in DNA repair.

References:

[1]. Wadhwa P, et al. QSAR and Docking Studies of N-droxy Urea Derivatives as Flap Endonuclease-1 Inhibitors. Curr Comput Aided Drug Des. 2015;11(4):346-52.

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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