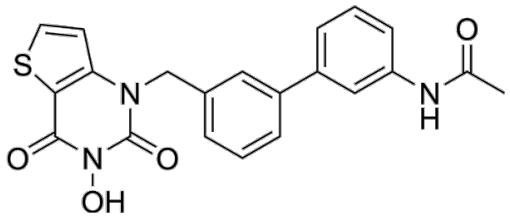
Product Data Sheet

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.
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