

Product Data Sheet

Product Name: Nanatinostat

Cat. No.: GC36691

Chemical Properties

Cas. No. 1256448-47-1

SMILES FC1=CC=C2N=C(CN[C@H]3[C@]4([H])CN(C5=NC=CC(C(NO)=O)=N5)C[C@]34[H])C=CC2=C1

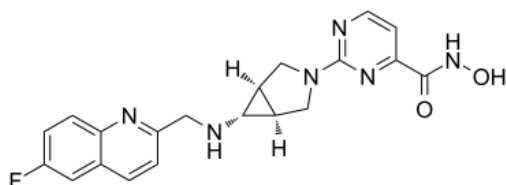
Formula $C_{20}H_{19}FN_6O_2$ M.Wt 394.4

Solubility Soluble in DMSO 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

Nanatinostat (CHR-3996) is a potent, class I selective and orally active histone deacetylase (HDAC) inhibitor with an IC₅₀ of 8 nM^[1]. IC₅₀:8 nM (HDAC)^[1]

[1]. Moffat D, et al. Discovery of 2-(6-((6-fluoroquinolin-2-yl)methyl)amino)bicyclo[3.1.0]hex-3-yl)-N-hydroxypyrimidine-5-carboxamide (CHR-3996), a class I selective orally active histone deacetylase inhibitor. J Med Chem. 2010 Dec 23;53(24):8663-78.

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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