

Product Data Sheet

Product Name: KH16
Cat. No.: GC73594

Chemical Properties

Cas. No.

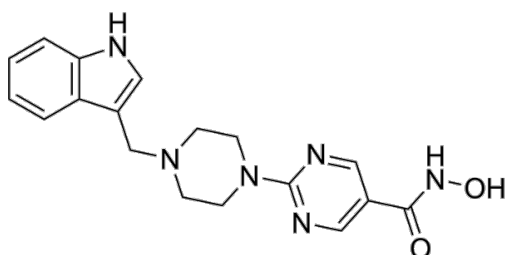
Formula $C_{18}H_{20}N_6O_2$ M.Wt 352.39

Solubility DMSO : 250 mg/mL (709.44 mM; Storage -20°C
Need ultrasonic)

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

KH16 is a potent and low nanomolar HDAC inhibitor. KH16 is against class I HDACs HDAC1, HDAC2, and HDAC3, with IC₅₀ values ranging from 6 to 34 nM. KH16 induces cell apoptosis and is against tumor cells with various gene expression patterns.

References:

[1]. Ramy Ashry, et al. NOXA Accentuates Apoptosis Induction by a Novel Histone Deacetylase Inhibitor. Cancers (Basel). 2023 Jul 17;15(14):3650.

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

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