

Product Data Sheet

Product Name: MOZ-IN-3

Cat. No.: GC26542

Chemical Properties

Cas. No.

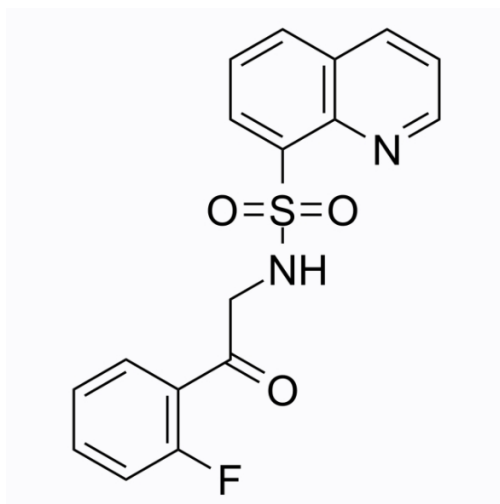
Formula $C_{17}H_{13}FN_2O_3S$ M.Wt 344.36

Solubility DMSO : ≥ 200 mg/mL (580.79 mM); Storage $-20^{\circ}C$
Hygroscopic DMSO has a significant impact on the solubility of product, please use newly opened DMSO)

General tips For obtaining a higher solubility , please warm the tube at $37^{\circ}C$ and shake it in the ultrasonic bath for a while. Stock solution can be stored below $-20^{\circ}C$ 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

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

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Address: 10292 Central Ave. #205, Montclair, CA, USA

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MOZ-IN-3 (Compound 6j) is a KAT6A (MOZ) acetyltransferase inhibitor (IC_{50} : 30 nM). MOZ-IN-3 exhibits anti-tumor activity against four different myeloid leukemia cell lines (HL-60, U937, SKNO-1, K562). MOZ-IN-3 has good metabolic stability and pharmacokinetics.

References :

[1]. Duan Y, et al. Discovery of N-(2-oxoethyl) sulfanilamide-derived inhibitors of KAT6A (MOZ) against leukemia by an isostere strategy. Eur J Med Chem. 2023 Aug 26;260:115770.

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