

Product Data Sheet

Product Name: HIF-1 α -IN-2 hydrochloride

Cat. No.: GC72867

Chemical Properties

Cas. No.

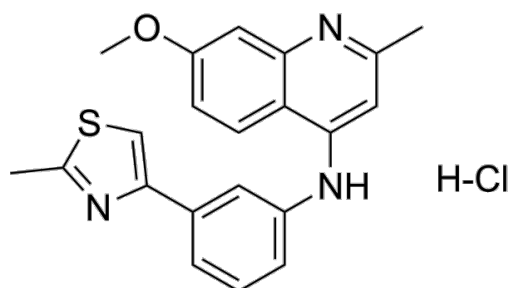
Formula $C_{21}H_{20}ClN_3OS$ M.Wt 397.92

Solubility DMSO : 100 mg/mL (251.31 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

HIF-1 α -IN-2 drochloride is an effective HIF-1 α inhibitor with anticancer potencies (IC50s of 28 nM and 15 nM in MDA-MB-231 and MiaPaCa-2 cells, respectively). HIF-1 α -IN-2 drochloride suppresses

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

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HIF-1 α expression by blocking transcription and protein translation.

References:

[1]. Wu YC, et al. Synthesis and evaluation of biarylquinoline derivatives as novel HIF-1 α inhibitors. Bioorg Chem. 2022;121:105681.

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