

Product Data Sheet

Product Name: Ubiquitination-IN-1

Cat. No.: GC64033

Chemical Properties

Cas. No. 1819330-15-8

Formula C₂₁H₁₄F₃N₃O₂S

M.Wt 429.41

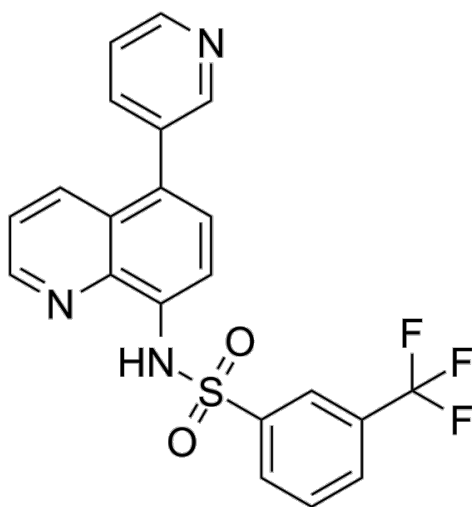
Solubility DMSO : 83.33 mg/mL (194.06 mM; ultrasonic and warming and heat to 60°C)

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

Ubiquitination-IN-1 (compound 24) is a ubiquitination and Cks1-Skp2 protein-protein interaction (IC₅₀=0.17 μM) inhibitor. Ubiquitination-IN-1 increases levels of p27. Ubiquitination-IN-1 has the potential for treatment disease by blocking the degradation of tumor suppressors[1].

Ubiquitination-IN-1 inhibits A549 and HT1080 cells with IC₅₀s of 0.91 and 0.4 μM, respectively[1].

[1]. David Carroll, et al. Quinoline derivatives useful as ubiquitination inhibitors. WO2016025779A1.

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

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