

Product Data Sheet

Product Name: DRAK2-IN-1

Cat. No.: GC65140

Chemical Properties

Cas. No. 871837-60-4

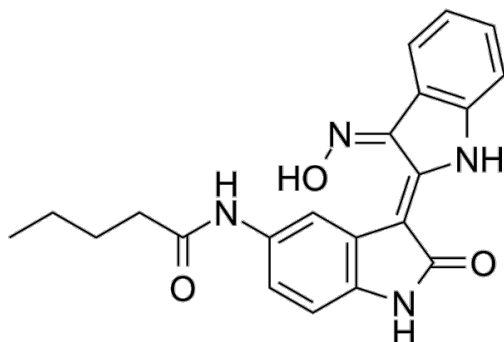
Formula $C_{21}H_{20}N_4O_3$ M.Wt 376.41

Solubility DMSO : 125 mg/mL (332.08 mM; Need ultrasonic) 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

DRAK2-IN-1, compound 16, is a potent, selective and ATP-competitive DRAK2 inhibitor with

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

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IC₅₀ and K_i values of 3 nM and 0.26 nM, respectively. DRAK2-IN-1 also has inhibitory effect on DRAK1 (IC₅₀=51 nM)[1].

[1]. Jung ME, et al. Discovery of indirubin derivatives as new class of DRAK2 inhibitors from high throughput screening. *Bioorg Med Chem Lett*. 2016 Jun 1;26(11):2719-23

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