

Product Data Sheet

Product Name: YKL-06-062

Cat. No.: GC39195

Chemical Properties

Cas. No. 2172617-16-0

SMILES O=C1N(C2CCCCC2)C3=NC(NC4=CC=C(N5CCN(C)CC5)C=C4)=NC=C3CN1C6=C(C)C=CC=C6C

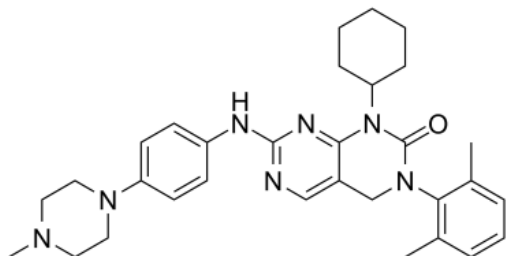
Formula $C_{31}H_{39}N_7O$ M.Wt 525.69

Solubility DMSO : 25 mg/mL (47.56 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



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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Background

YKL-06-062 is a second-generation salt-inducible kinase (SIK) inhibitor with an IC₅₀ of 2.12 nM/1.40 nM/2.86 nM, respectively. YKL-06-062 is the structural analog of YKL-06-062[1].

[1]. Mujahid N, et al. A UV-Independent Topical Small-Molecule Approach for Melanin Production in Human Skin. Cell Rep. 2017 Jun 13;19(11):2177-2184.

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