

Product Data Sheet

Product Name: CDDO-2P-Im

Cat. No.: GC39555

Chemical Properties

Cas. No. 1883650-96-1

SMILES CC(C)([C@](CC[C@@]([C@@]1(CC[C@]2(CCC(C)(C[C@]2([C@]13[H])[H])C)C(N4C=C(C5=NC=CC=C5)N=C4)=O)C)6C)7[H])C(C(C#N)=C[C@]7(C)C6=CC3=O)=O

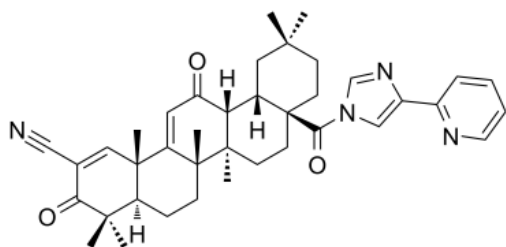
Formula $C_{39}H_{46}N_4O_3$ M.Wt 618.81

Solubility DMSO: 250 mg/mL (404.00 mM) 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

CDDO-2P-Im is an analogue of CDDO-Imidazolidine with chemopreventive effect. CDDO-2P-Im can reduce the size and the severity of the lung tumors in mouse lung cancer model[1].

[1]. Cao M, et al. Novel synthetic pyridyl analogues of CDDO-Imidazolidine are useful new tools in cancer prevention. Pharmacol Res. 2015 Oct;100:135-47. [2]. Cao M, et al. Novel synthetic pyridyl analogues of CDDO-Imidazolidine are useful new tools in cancer prevention. Pharmacol Res. 2015

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

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