

Product Data Sheet

Product Name: 2,3-Indolobetulin

Cat. No.: GC48459

Chemical Properties

Cas. No. 2365493-59-8

SMILES C[C@@]12[C@]3([H])[C@]([C@]4([C@]([C@]5([H])[C@@](CC4)(CC[C@H]5C(C)=C)CO)([H])CC3)C)(CC[C@@]1([H])C(C)(C6=C(C7=CC=CC=C7N6)C2)C)C

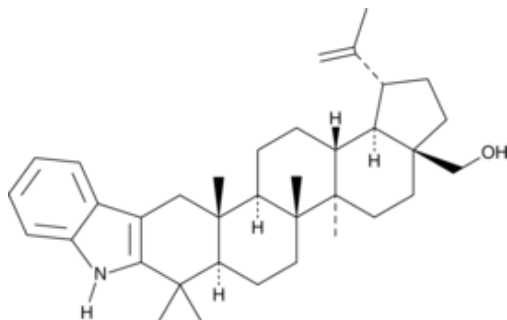
Formula C₃₆H₅₁NO M.Wt 513.8

Solubility DMF: 25 mg/ml, DMSO: 10 mg/ml Storage -20°C

General For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the tips ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Evaluation sample solution : ship with blue ice All other available size: ship with RT, or Condition blue ice upon request.

Structure



Background

2,3-Indolobetulin is a pentacyclic triterpenoid and derivative of betulin.¹ It has been used in the synthesis of α -glucosidase inhibitors.

1. Khusnutdinova, E.F., Smirnova, I.E., Kazakova, O.B., et al. Synthesis and evaluation of 2,3-indolotriterpenoids as new α -glucosidase inhibitors. Med. Chem. Res. 26:2732-2742 (2017)

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

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