
Product Data Sheet

Product Name: Vincosamide

Cat. No.: GC60381

Chemical Properties

Cas. No. 23141-27-7

SMILES [H][C@@]1(C[C@]2([H])C3=CO[C@@H](O[C@]4([H])O[C@H](CO)[C@@H](O)[C@H](O)[C@H]4O)[C@@H]2C=C)C5=C(C6=CC=CC=C6N5)CCN1C3=OFormula C₂₆H₃₀N₂O₈ M.Wt 498.53

Solubility Storage

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**

Vincosamide, an alkaloid from Psychotria leiocarpa extract, inhibits the acetylcholinesterase (AChE) activity with anti-inflammatory activity[1].

[1]. Formagio ASN, et al. Psychotria leiocarpa Extract and Vincosamide Reduce Chemically-Induced Inflammation in Mice and Inhibit the Acetylcholinesterase Activity. Inflammation. 2019 Oct;42(5):1561-1574.

<https://www.ncbi.nlm.nih.gov/pubmed/31102122> Formagio ASN, et al. Psychotria leiocarpa Extract and Vincosamide Reduce Chemically-Induced Inflammation in Mice and Inhibit the Acetylcholinesterase Activity. Inflammation. 2019 Oct;42(5):1561-1574.

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

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