

Product Data Sheet

Product Name: Robustine

Cat. No.: GC60329

Chemical Properties

Cas. No. 2255-50-7

SMILES OC1=C2N=C(OC=C3)C3=C(OC)C2=CC=C1

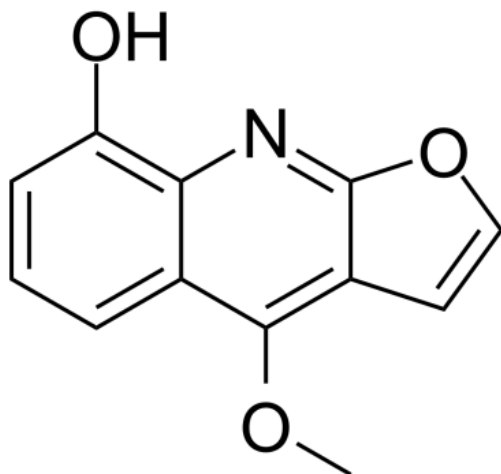
Formula $C_{12}H_9NO_3$ M.Wt 215.2

Solubility DMSO:50mg/ml Storage 4°C, protect from light

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

Robustine, a furoquinoline alkaloid, from *Dictamnus albus*, exhibits inhibitory potency against human phosphodiesterase 5 (hPDE5A) in vitro[1].

[1]. Nam KW, et al. Inhibitory effects of furoquinoline alkaloids from *Melicope confusa* and *Dictamnus albus* against human phosphodiesterase 5 (hPDE5A) in vitro. Arch Pharm Res. 2005 Jun;28(6):675-9.

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

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