
Product Data Sheet

Product Name: N-Methylruciferine

Cat. No.: GC39051

Chemical Properties

Cas. No. 754919-24-9

SMILES COC1=C2C3=C(C=C1OC)CC[N+](C)(C)[C@]3([H])CC4=CC=CC=C24Formula C₂₀H₂₄NO₂ M.Wt 310.41

Solubility Soluble in DMSO 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**

N-Methylruciferine, an alkaloid from Lotus Plumule, ameliorate lipopolysaccharide-induced depression-like behavior[1].

[1]. Chen S, et al. Natural alkaloids from lotus plumule ameliorate lipopolysaccharide-induced depression-like behavior: integrating network pharmacology and molecular mechanism evaluation. Food Funct. 2019 Sep 1;10(9):6062-6073.

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

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