
Product Data Sheet

Product Name: Tripterifordin

Cat. No.: GC39111

Chemical Properties

Cas. No. 139122-81-9

SMILES C[C@@]12[C@]3([H])[C@@](COC1=O)(CCC2)[C@@]4([H])[C@]5(C[C@@]([C@](C)(O)C5)([H])CC4)CC3Formula C₂₀H₃₀O₃ M.Wt 318.45

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**

Tripterifordin, isolated from the roots of *Tripterygium wilfordii*, possesses significant anti-HIV replication activities in H9 lymphocyte cells with an EC₅₀ value of 3100 nM, respectively[1].

[1]. Kobayashi S, et al. Syntheses of (-)-Tripterifordin and (-)-Neotripterifordin from Stevioside. *J Org Chem.* 2018 Feb 2;83(3):1606-1613.

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

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