
Product Data Sheet

Product Name: Seneciphyllinine

Cat. No.: GC37626

Chemical Properties

Cas. No. 90341-45-0

SMILES O=C(O[C@]1([H])CCN2[C@]1([H])C(COC([C@](C)(OC(C)=O)C(C/3)=C)=O)=CC2)C3=C/CFormula C₂₀H₂₅NO₆ M.Wt 375.42

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**

Seneciphyllinine, a pyrrolizidine alkaloid, is isolated from the roots of *Gynura japonica*. Pyrrolizidine alkaloids are highly hepatotoxic natural chemicals that produce irreversible chronic and acute hepatotoxic effects on human beings[1].

[1]. Fang L, et al. Mass-spectrometry-directed analysis and purification of pyrrolizidine alkaloid cis/trans isomers in *Gynura japonica*. *J Sep Sci*. 2014 Aug;37(15):2032-8.

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

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