
Product Data Sheet

Product Name: Seneciphylline N-Oxide

Cat. No.: GC39042

Chemical Properties

Cas. No. 38710-26-8

SMILES O=C(O[C@]1([H])CC[N+]2([O-])[C@]1([H])C(COC([C@](C)(O)C(C/3)=C)=O)=CC2)C3=C/CFormula C₁₈H₂₃NO₆ M.Wt 349.38

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**

Seneciphylline N-Oxide is a dehydrogenation product of Senecionine N-oxide. Seneciphylline N-Oxide is a natural compound isolated from root cultures of *Senecio erucifolius* (Asteraceae)[1].

[1]. HEINER SANDER, et al. Site of synthesis, metabolism and translocation of senecionine N-oxide in cultured roots of *Senecio erucifolius*. *Plant Cell, Tissue and Organ Culture* volume 18, pages19-31(1989).

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

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