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**Product Data Sheet**

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Product Name: Acetylseneciphylline N-oxide

Cat. No.: GC35234

**Chemical Properties**

Cas. No. 123844-00-8

SMILES O=N12[C@@]3([H])[C@@](OC(/C(CC([C@](OC(C)=O)(C)C(OCC3=CC2)=O)=C)=C\C)=O)([H])CC1Formula C<sub>20</sub>H<sub>25</sub>NO<sub>7</sub> M.Wt 391.42

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**

Acetylseneciphylline N-oxide is a pyrrolizine alkaloid that is seneciphylline in which the hydroxy hydrogen is replaced by an acetyl group and the tertiary amino function is oxidised to the corresponding N-oxide[1].

[1]. Cheng D, et al. The relationship between structurally different pyrrolizidine alkaloids and western flower thrips resistance in F(2) hybrids of *Jacobaea vulgaris* and *Jacobaea aquatica*. *J Chem Ecol.* 2011 Oct;37(10):1071-80.

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

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