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**Product Data Sheet**

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Product Name: Monocrotaline N-Oxide

Cat. No.: GC36647

**Chemical Properties**

Cas. No. 35337-98-5

SMILES O=C(O[C@]1([H])CC[N+]2([O-])[C@]1([H])C(CO3)=CC2)[C@H](C)[C@](C)(O)[C@](C)(O)C3=OFormula C<sub>16</sub>H<sub>23</sub>NO<sub>7</sub> M.Wt 341.36

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**

Monocrotaline N-Oxide, a monocrotaline metabolite, leads to DNA adduct formation in vivo[1].

[1]. Wang YP, et al. Metabolic activation of the tumorigenic pyrrolizidine alkaloid, monocrotaline, leading to DNA adduct formation in vivo. Cancer Lett. 2005 Aug 8;226(1):27-35.

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

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