
Product Data Sheet

Product Name: Usaramine N-oxide

Cat. No.: GC37874

Chemical Properties

Cas. No. 117020-54-9

SMILES O=C(O[C@]1([H])CC[N+]2([O-])[C@]1([H])C(COC([C@](CO)(O)[C@H](C)C/3)=O)=CC2)C3=C\CFormula C₁₈H₂₅NO₇ M.Wt 367.39

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**

Usaramine N-oxide, a flavonoid isolated from *Crotalaria pallida*, possesses anti-inflammatory activities[1].

[1]. Hu XR, et al. Flavonoids, alkaloids from the seeds of *Crotalaria pallida* and their cytotoxicity and anti-inflammatory activities. *Phytochemistry*. 2017 Nov;143:64-71.

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

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