
Product Data Sheet

Product Name: Neocurdione

Cat. No.: GC36717

Chemical Properties

Cas. No. 108944-67-8

SMILES O=C1C[C@H](C(C)C)C(C/C(C)=C/CC[C@@H]1C)=OFormula $C_{15}H_{24}O_2$ M.Wt 236.35

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**

Neocurdione is a hepatoprotective sesquiterpene isolated from *Curcuma zedoaria* rhizome. Neocurdione exerts potent effect on D-galactosamine- (D-Gain) and lipopolysaccharide- (LPS) induced acute liver injury in mice[1].

[1]. Carvalho FR, et al. Journal of Venomous Animals and Toxins including Tropical Diseases. On-line version ISSN 1678-9199 [2]. Omer Abdalla Ahmed Hamdi, et al. Neuroprotective and Antioxidant Constituents from *Curcuma zedoaria* Rhizomes. Records of Natural Products . 2015, Vol. 9 Issue 3, p349-355. 8p.

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

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