

Product Data Sheet

Product Name: Heteroclitin D

Cat. No.: GC38546

Chemical Properties

Cas. No. 140369-76-2

SMILES O=C(C(OC)=C(OC)C=C1CC(C)C2C)C1(COC3=C(OCO4)C4=C5)C3=C5C2OC(/C(C)=C/C)=O

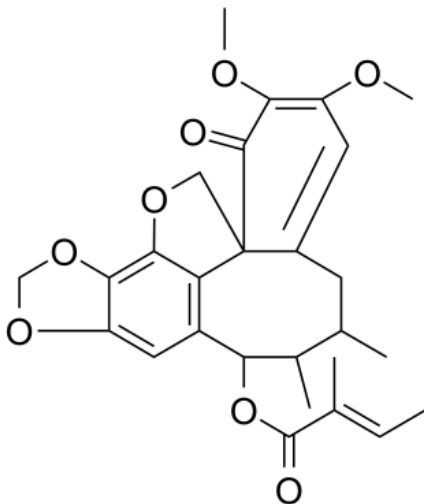
Formula $C_{27}H_{30}O_8$ M.Wt 482.52

Solubility Soluble in DMSO Storage Store at -20°C, protect from light

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

Heteroclitin D is a lignin from Kadsura medicinal plants with anti-lipid peroxidation. Heteroclitin D inhibits L-type calcium channels[1].

[1]. Zhang XM, et al. Blocking effects of heteroclitin D and gomisins J on L-type calcium channels in ventricular cells of guinea pig. Acta Pharmacol Sin. 2000 Apr;21(4):373-6.

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

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