
Product Data Sheet

Product Name: (2R/S)-6-PNG

Cat. No.: GC50536

Chemical Properties

Cas. No. 68682-01-9

SMILES C/C(C)=C\CC1=C(C=C2OC(C3=CC=C(C=C3)O)CC(C2=C1O)=O)O

Formula C₂₀H₂₀O₅

M.Wt 340.37

Solubility DMSO : 125 mg/mL (367.25 mM; Need ultrasonic) 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

Cav3.2 (T-type) Ca²⁺ channel blocker (IC₅₀ = 991 nM). Suppresses neuropathic allodynia in mouse pain models.

Sekiguchi et al (2018) Blockade of T-type calcium channels by 6-prenylnaringenin, a hop component, alleviates neuropathic and visceral pain in mice. *Neuropharmacology* 138 232 PMID:29913186

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

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