

Product Data Sheet

Product Name: JPC0323

Cat. No.: GC91171

Chemical Properties

Cas. No. 5972-45-2

Formula $C_{22}H_{43}NO_4$

M.Wt 385.6

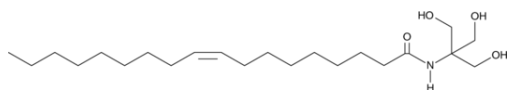
Solubility Chloroform: Soluble, Methanol: Soluble

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

JPC0323 is a positive allosteric modulator of the serotonin (5-HT) receptor subtypes 5-HT_{2A} and 5-HT_{2C}.¹ It is selective for these receptors over a panel of 21 receptors and transporters at 10 µM. JPC0323 (1 nM) enhances 5-HT-induced calcium release in CHO cells expressing recombinant human 5-HT_{2A} or 5-HT_{2C}. *In vivo*, JPC0323 (30 mg/kg) reduces spontaneous locomotor activity in rats.

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

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