
Product Data Sheet

Product Name: Higenamine

Cat. No.: GC38099

Chemical Properties

Cas. No. 5843-65-2

SMILES OC1=CC2=C(C(CC3=CC=C(O)C=C3)NCC2)C=C1OFormula C₁₆H₁₇NO₃ M.Wt 271.31

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**

Demethyl-Coclaurine (Higenamine, Norcoclaurine), the key component of the Chinese herb aconite root, is a beta-2 adrenergic receptor (β 2-AR) agonist. Demethyl-Coclaurine stimulates AKT phosphorylation and requires PI3K activation for the anti-apoptotic effect in cardiomyocytes.

[1] Sang-Rok Lee, et al. Lipids Health Dis. 2013 Oct 21;12:148. [2] Mei-ping Wu, et al. Pharmacol Res. 2016 Feb;104:115-23.

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

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