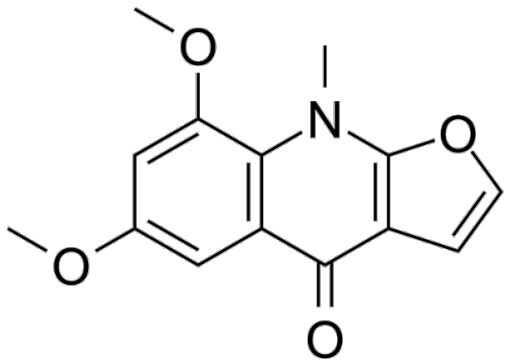
Product Data Sheet

Product Name: Isomaculosidine
Cat. No.: GC72008

Chemical Properties

Cas. No.	518-96-7		
Formula	$C_{14}H_{13}NO_4$	M.Wt	259.26
Solubility		Storage	4°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

Isomaculosidine is an alkaloid that can be isolated from D. dasycarpus. Isomaculosidine can inhibit nitric oxide (NO) production in lipopolysaccharide (LPS)-stimulated BV2 microglial cells.

References:

[1]. Jeong Seon Yoon, et al. Inhibitory alkaloids from Dictamnus dasycarpus root barks on lipopolysaccharide-induced nitric oxide production in BV2 cells. J Enzyme Inhib Med Chem. 2012 Aug;27(4):490-4.

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