

Amorphadiene

Art. ID TRC-A634365-10MG
Unit 10 mg
Deliverydetails No Dangerous Good

Description

Application Notes: Amorphadiene is a sesquiterpene synthesized via the cyclization of farnesyl pyrophosphate and a precursor in the biosynthesis of Artemisinin (A777500), which is an effective antimalarial agent used to treat malaria. Genetically modified *Saccharomyces cerevisiae* can be utilized as an alternative semisynthetic strategy to produce artemisinin from amorphadiene. /// References: Wallaart, T. E., et al.: *Planta* 212, 460 (2001)| Westfall, P. J. et al.: *Proc. Natl. Acad. Sci. USA* 109, E111 (2012)| Shiba, Y., et al.: *Metab. Eng* 9, 160 (2007).

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
	Amorphadiene	[92692-39-2]				