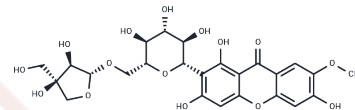


polygalaxanthone III

Chemical Properties

CAS No. : 162857-78-5
 Formula: C₂₅H₂₈O₁₅
 Molecular Weight: 568.48
 Appearance: no data available
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Polygalaxanthone III can significantly inhibit chlorzoxazone 6-hydroxylation catalyzed by CYP2E1.
Targets(IC50)	Cytochromes P450

Solubility Information

Solubility	DMSO: 60 mg/mL (105.54 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7591 mL	8.7954 mL	17.5908 mL
5 mM	0.3518 mL	1.7591 mL	3.5182 mL
10 mM	0.1759 mL	0.8795 mL	1.7591 mL
50 mM	0.0352 mL	0.1759 mL	0.3518 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Reference

Lv C, et al. J Sep Sci. 2014 May;37(9-10):1103-10.
 Lv C, et al. J Mass Spectrom. 2013 Aug;48(8):904-13.

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