# Data Sheet (Cat.No.T3896)



# Shanzhiside methyl ester

Chemical Propert	ies	
CAS No. :	64421-28-9	° ~ CH <sup>3</sup>
Formula:	C17H26O11	
Molecular Weight:	406.38	нас он
Appearance:	no data available	
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year	Он

## **Biological Description**

Description	Shanzhiside methylester reduces neuropathic pain by activating spinal GLP-1 receptors and subsequently stimulating microglial $\beta$ -endorphin expression via the p38 MAPK signaling.
Targets(IC50)	Glucagon Receptor

Solubility Information	
Solubility	DMSO: 199.3 mM,
	(< 1 mg/ml refers to the product slightly soluble or insoluble)

#### **Preparing Stock Solutions**

	1mg	5mg	10mg
1 mM	2.4608 mL	12.3038 mL	24.6075 mL
5 mM	0.4922 mL	2.4608 mL	4.9215 mL
10 mM	0.2461 mL	1.2304 mL	2.4608 mL
50 mM	0.0492 mL	0.2461 mL	0.4922 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

Fan PC,et al. Simultaneous determination of four shanzhiside methylester derivatives in rabbit plasma by liquid chromatography/tandem mass spectrometry.1 Biomed Chromatogr. 2012 Dec;26(12):1543-51.

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