

Datasheet

Inhibitors / Agonists / Screening Libraries

A DRUG SCREENING EXPERT

Product Name	:	Phellodendrine chloride
Catalog Number	:	T5S0777
CAS Number	:	104112-82-5
Molecular Formula	:	C20H24ClNO4
Molecular Weight	:	377.86
Appearance	:	Solid

Description: Phellodendrine chloride has anti-nephritic activity, may be due to its ability to inhibit the proliferation or the migration of macrophages and cytotoxic T lymphocytes in the glomeruli.

Storage: 2 years -80°C in solvent; 3 years -20°C powder;

Solubility	DMSO	33 mg/mL (87.3 mM)
	(< 1 mg/ml refers to the product slightly soluble or insoluble)	

Receptor (IC50)	Others	
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Reference

1. Yin F, et al. DECOCTION PROCESS OPTIMIZATION AND QUALITY EVALUATION OF YI-HUANG DECOCTION BY HPLC FINGERPRINT ANALYSIS. Acta Pol Pharm. 2016 Jul;73(4):855-864.
2. Mori H, et al. Principle of the bark of Phellodendron amurense to suppress the cellular immune response. Planta Med. 1994 Oct;60(5):445-9.

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Information for product storage and handling is indicated on the product datasheet. Targetmol products are stable for long term under the recommended storage conditions. Our products may be shipped under different conditions as many of them are stable in the short-term at higher or even room temperatures. We ensure that the product is shipped under conditions that will maintain the quality of the reagents. Upon receipt of the product, please follow the storage recommendations on the product data sheet.