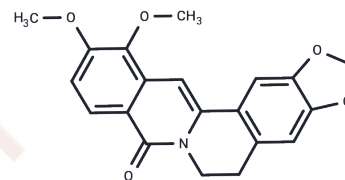


8-Keto-berberine

Chemical Properties

CAS No. :	81397-08-2
Formula:	C ₂₀ H ₁₇ N ₅ O
Molecular Weight:	351.35
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	8-Keto-berberine is a non-naturally occurring 11, 12-oxygenated protoberberine. It is a derivative from naturally occurring 9, 10-oxygenated protoberberine.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8462 mL	14.2308 mL	28.4616 mL
5 mM	0.5692 mL	2.8462 mL	5.6923 mL
10 mM	0.2846 mL	1.4231 mL	2.8462 mL
50 mM	0.0569 mL	0.2846 mL	0.5692 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.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Miyoji Hanaoka, et al. Chemical transformation of protoberberines. VI. Ring D inversion of protoberberine alkaloids. Conversion of berberine into nonnaturally occurring 11,12-oxygenated protoberberines via spirobenzylisoquinolines. Chem.Pharm.Bull.1984;32(11):4431-4436.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481