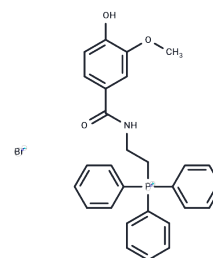


## Mito-apocynin (C2)

## Chemical Properties

CAS No. :	1254044-41-1
Formula:	C <sub>28</sub> H <sub>27</sub> BrNO <sub>3</sub> P
Molecular Weight:	536.4
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	Mito-apocynin (C2) is an orally active mitochondria-targeted triphenylphosphonium (TPP)-based compound, has antineuroinflammatory effects.
Targets(IC50)	Others, Mitochondrial Metabolism
In vivo	Mito-apocynin (C2) shows antineuroinflammatory effect[1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8643 mL	9.3214 mL	18.6428 mL
5 mM	0.3729 mL	1.8643 mL	3.7286 mL
10 mM	0.1864 mL	0.9321 mL	1.8643 mL
50 mM	0.0373 mL	0.1864 mL	0.3729 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

Zielonka J, et al. Mitochondria-Targeted Triphenylphosphonium-Based Compounds: Syntheses, Mechanisms of Action, and Therapeutic and Diagnostic Applications. Chem Rev. 2017 Aug 9;117(15):10043-10120.

**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