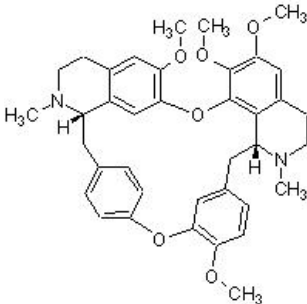


Product datasheet

Isotetrandrine, Cell-permeable PLA2 inhibitor ab141626

1 Image

Overview

Product name	Isotetrandrine, Cell-permeable PLA2 inhibitor
Description	Cell-permeable PLA ₂ inhibitor
Biological description	Cytoplasmic phospholipase A ₂ (PLA ₂) inhibitor. Also shown to inhibit α_1 adrenoceptor ($K_i = 1.6 \mu\text{M}$). Cell-permeable. Active <i>in vivo</i> .
Purity	> 98%
CAS Number	477-57-6
Chemical structure	

Properties

Chemical name	6',7,12-Tetramethoxy-2,2'-dimethylberbaman
Molecular weight	622.80
Molecular formula	C ₃₈ H ₄₂ N ₂ O ₆
PubChem identifier	5422
Storage instructions	Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.
Solubility overview	Soluble in DMSO to 25 mM and in ethanol to 25 mM
Handling	<p>Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.</p> <p>Need more advice on solubility, usage and handling? Please visit our frequently asked</p>

[questions \(FAQ\) page](#) for more details.

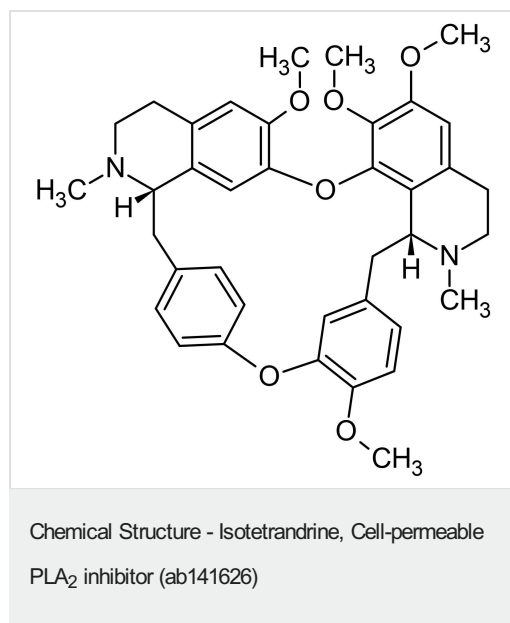
SMILES

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Source

Synthetic

Images



2D chemical structure image of ab141626, Isotetrandrone, Cell-permeable PLA₂ inhibitor

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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