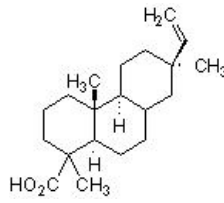


Product datasheet

Pimaric acid (PiMA), $K_{Ca}1.1$ (large conductance Ca^{2+} activated K^+ (BK)) channel activator ab141837

1 Image

Overview

Product name	Pimaric acid (PiMA), $K_{Ca}1.1$ (large conductance Ca^{2+} activated K^+ (BK)) channel activator
Description	Potent $K_{Ca}1.1$ (large conductance Ca^{2+} activated K^+ (BK)) channel activator
Biological description	Potent $K_{Ca}1.1$ (large conductance Ca^{2+} activated K^+ (BK)) channel activator. Increases Ca^{2+} and voltage-sensitivity of BK α -subunit <i>in vitro</i> .
Purity	> 85%
CAS Number	127-27-5
Chemical structure	

Properties

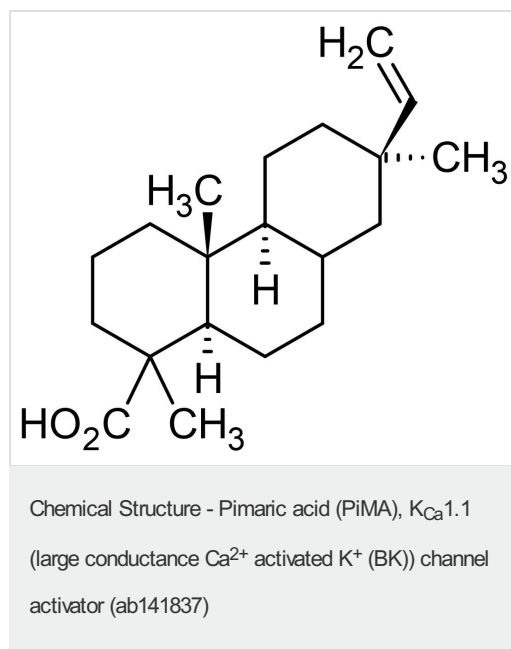
Chemical name	(1 <i>R</i> ,4 <i>aS</i> ,4 <i>bR</i> ,7 <i>R</i> ,10 <i>aS</i>)-7-Ethenyl-1,4 <i>a</i> ,7-trimethyl-3,4,4 <i>b</i> ,5,6,9,10,10 <i>a</i> -octahydro-2 <i>H</i> -phenanthrene-1-carboxylic acid
Molecular weight	302.00
Molecular formula	$C_{20}H_{30}O_2$
PubChem identifier	10116
Storage instructions	Store at $-20^{\circ}C$. Store under desiccating conditions. The product can be stored for up to 12 months.
Solubility overview	Soluble in water
Handling	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 $-20^{\circ}C$. 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. Need more advice on solubility, usage and handling? Please visit our frequently asked questions

(FAQ) page for more details.

SMILES

CC1(CCC2C(=C1)CCC3C2(CCCC3(C)C(=O)O)C)C=C

Images



2D chemical structure image of ab141837, Pimaric acid (PiMA), K_{Ca}1.1 (large conductance Ca²⁺ activated K⁺ (BK)) channel activator

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

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