Product datasheet

Alverine citrate ab145701

Overview

Product name
Alverine citrate

Description
5HT<sub>1A</sub> antagonist. Smooth muscle relaxant.

Biological description
5HT<sub>1A</sub> antagonist. Smooth muscle relaxant. Shows antispasmodic, visceral antinociceptive and anxiolytic effects <i>in vivo</i>. Orally active.

Purity
> 99%

Properties

Chemical name
<i>N</i>-Ethyl-3-phenyl-<i>N</i>-(3-phenylpropyl)propan-1-amine citrate

Molecular weight
473.56

Chemical structure

![Chemical structure of Alverine citrate](image)

Molecular formula
C<sub>20</sub>H<sub>27</sub>N<sub>6</sub>C<sub>6</sub>H<sub>8</sub>O<sub>7</sub>

CAS Number
5560-59-8

PubChem identifier
21718

Storage instructions
Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.

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°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
CCN(CCCC1=CC=CC=C1)CCCC2=CC=CC=C2.C(C(=O)O)C(CC(=O)O)(C(=O)O)O

Source
Synthetic

Please note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE, NOT FOR USE IN HUMANS"
Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

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- Abcam biochemicals are novel compounds and we have not tested their biological activity in house. Please use the literature to identify how to use these products effectively. If you require further assistance please contact the scientific support team