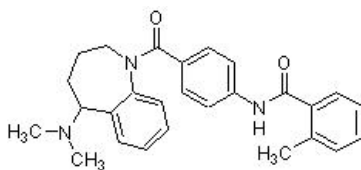


Product datasheet

Mozavaptan, V₂ receptor antagonist ab145714

Overview

Product name	Mozavaptan, V ₂ receptor antagonist
Description	Potent, selective, competitive V ₂ receptor antagonist
Biological description	Potent, selective, competitive V ₂ receptor antagonist (IC ₅₀ values are 14 nM and 1.2 μM for V ₁ and V ₂ respectively). Inhibits the antidiuretic effects of arginine vasopressin <i>in vivo</i> .
Purity	> 99%
CAS Number	137975-06-5
Chemical structure	



Properties

Chemical name	<i>N</i> -[4-[[5-(Dimethylamino)-2,3,4,5-tetrahydro-1 <i>H</i> -1-benzazepin-1-yl]carbonyl]phenyl]-2-methylbenzamide
Molecular weight	427.54
Molecular formula	C ₂₇ H ₂₉ N ₃ O ₂
PubChem identifier	119369
Storage instructions	Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.
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 questions (FAQ) page for more details.</p>
SMILES	<chem>CC1=CC=CC=C1C(=O)NC2=CC=C(C=C2)C(=O)N3CCCC(C4=CC=CC=C4)N(C)C</chem>
Source	Synthetic

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

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- Replacement or refund for products not performing as stated on the datasheet
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- 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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Terms and conditions

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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