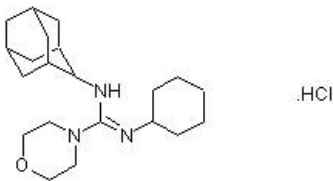


Product datasheet

U-37883A, ATP-sensitive K⁺ channel blocker ab141673

1 Image

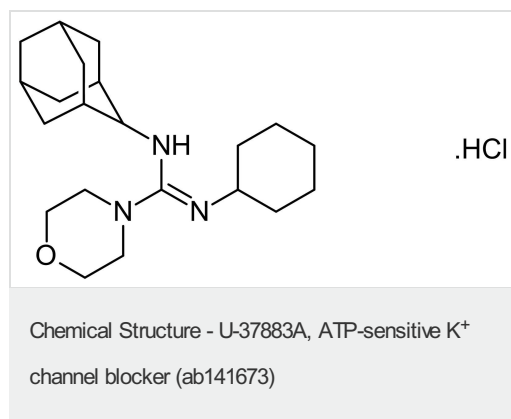
Overview

Product name	U-37883A, ATP-sensitive K ⁺ channel blocker
Description	ATP-sensitive K ⁺ channel blocker
Biological description	ATP-sensitive potassium (K _{ATP}) channel blocker. Shows greater selectivity at K _{ATP} than at voltage-dependent and vascular inward rectifier K ⁺ channels in smooth muscle cells. Active <i>in vivo</i> and <i>in vitro</i> .
Purity	> 98%
CAS Number	57568-80-6
Chemical structure	

Properties

Chemical name	N-(1-Adamantyl)-N'-cyclohexylmorpholine-4-carboximidamide hydrochloride
Molecular weight	382.00
Molecular formula	C ₂₁ H ₃₅ N ₃ O.HCl
PubChem identifier	64392
Storage instructions	Store at Room Temperature. The product can be stored for up to 12 months.
Solubility overview	Soluble in water to 10 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 questions (FAQ) page for more details.</p>
SMILES	C1CCC(CC1)N=C(NC23CC4CC(C2)CC(C4)C3)N5CCOCC5.Cl
Source	Synthetic

Images



2D chemical structure image of ab141673, U-37883A, ATP-sensitive K⁺ channel blocker

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

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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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