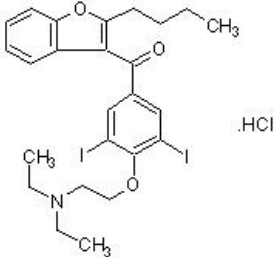


Product datasheet

Amiodarone hydrochloride, Broad-spectrum ion channel blocker ab141444

Overview

Product name	Amiodarone hydrochloride, Broad-spectrum ion channel blocker
Description	Broad-spectrum ion channel blocker. Antiarrhythmic agent.
Biological description	Broad-spectrum ion channel blocker. Class III antiarrhythmic agent. Blocks late I_{Na} , I_{Ca} , I_{Kr} and I_{Ks} and increases QT. Shows beta blocker-like effects on the SA and AV nodes <i>in vivo</i> . Orally active.
Purity	> 98%
CAS Number	19774-82-4
Chemical structure	

Properties

Chemical name	(2-Butyl-1-benzofuran-3-yl)-[4-[2-(diethylamino)ethoxy]-3,5-diiodophenyl]methanone hydrochloride
Molecular weight	681.77
Molecular formula	$C_{25}H_{29}I_2NO_3 \cdot HCl$
PubChem identifier	441325
Storage instructions	Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.
Solubility overview	Soluble in water to 50 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	<chem>CCCC1=C(C2=CC=CC=C2O1)C(=O)C3=CC(=C(C(=C3))OCCN(CC)CC)I.CI</chem>

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"

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- Extensive multi-media technical resources to help you
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