

Product datasheet

Ibutilide fumarate (mM/ml), sodium channel activator
ab146738

Overview

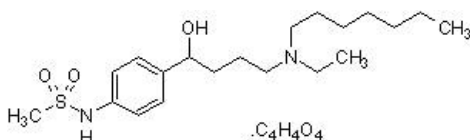
Product name	Ibutilide fumarate (mM/ml), sodium channel activator
Description	Sodium channel activator. Class III antiarrhythmic. 1 ml water soluble pack.
Biological description	Sodium channel activator. Activates inward depolarising slow sodium currents. Increases the refractory period and prolongs myocardial action potential duration. Class III antiarrhythmic active <i>in vivo</i> .

Soluble in 1 ml water to give specified mM/ml concentration. [Find out more.](#)

Purity > 99%

CAS Number 122647-32-9

Chemical structure



Properties

Chemical name N-[4-[4-[Ethyl(heptyl)amino]-1-hydroxybutyl]phenyl]methanesulfonamide hemifumarate

Molecular weight 442.61

Molecular formula C₂₀H₃₆N₂O₃S.0.5C₄H₄O₄

PubChem identifier 6437366

Storage instructions Store at Room Temperature. The product can be stored for up to 12 months.

Solubility overview Soluble in 1ml of water to give specified mM/ml concentration

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 O=S(C)

(=O)Nc1ccc(cc1)C(O)CCCN(CC)CCCCCCC.O=C(O)/C=C/C(=O)O.CCN(CCCCCC)CCCC(O)c1ccc(NS(C)(=O)=O)cc1

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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