

Product datasheet

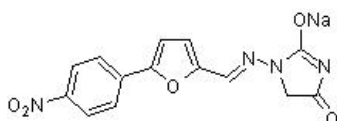
Dantrolene sodium, ryanodine receptor antagonist

ab142274

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Overview

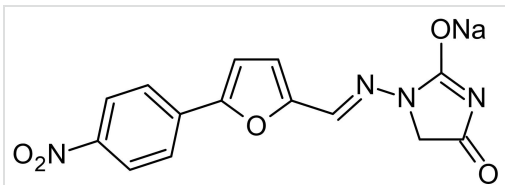
Product name	Dantrolene sodium, ryanodine receptor antagonist
Description	Ryanodine receptor antagonist. Calcium channel inhibitor
Purity	> 98%
CAS Number	14663-23-1
Chemical structure	



Properties

Chemical name	3-[(<i>E</i>)-[5-(4-Nitrophenyl)furan-2-yl]methylideneamino]-5-oxo-4 <i>H</i> -imidazol-2-olate sodium salt
Molecular weight	336.24
Molecular formula	C ₁₄ H ₉ N ₄ NaO ₅
PubChem identifier	6604100
Storage instructions	Store at Room Temperature. The product can be stored for up to 12 months.
Solubility overview	Soluble in water to 5 mM with warming and in DMSO to 10 mM
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	C1C(=O)N=C(N1N=CC2=CC=C(O2)C3=CC=C(C=C3)[N+](=O)[O-])[O-].[Na+]
Source	Synthetic

Images



Chemical Structure - Dantrolene sodium, ryanodine receptor antagonist (ab142274)

2D chemical structure image of ab142274, Dantrolene sodium, ryanodine receptor antagonist

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