Overview

Product name: Dichlorphenamide
Description: Sulfonamide and a carbonic anhydrase inhibitor of the meta-disulfamoylbenzene class.
Biological description: Sulfonamide carbonic anhydrase inhibitor. Used as an adjunct to reduce intraocular pressure in the treatment of glaucoma. Also used to treat inherited muscle disorders, such as primary hyperkalemic periodic paralysis, primary hypokalemic periodic paralysis, and related variants.
Purity: > 99%

Properties

Chemical name: 4,5-Dichlorobenzene-1,3-disulfonamide
Molecular weight: 305.16
Chemical structure:

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\( \text{C}_6\text{H}_6\text{Cl}_2\text{N}_2\text{O}_4\text{S}_2 \)
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CAS Number: 120-97-8
Storage instructions: Store at -20°C. Store under Desiccating conditions. The product can be stored for up to 12 months.
Solubility overview: Soluble in DMSO to 100 mM and in ethanol to 100 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.

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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