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Technical Data Sheet

Furosemide

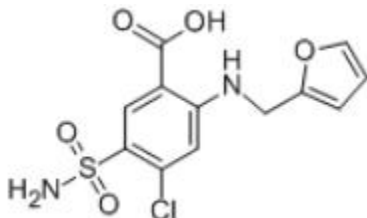
Product Information

Chemical Name	Furosemide
CAS #	54-31-9
EINECS	200-203-6
Formula	C ₁₂ H ₁₁ ClN ₂ O ₅ S
Molecular Weight	330.74

Synonyms

FUROSEMID;FUROSEMIDE;FRUSEMIDE;2-furfurylamino-4-chloro-5-sulfamoylbenzoic acid;

Chemical Structure



Description

Furosemide is a kind of white or almost white crystalline powder. Practically insoluble in water, soluble in acetone, sparingly soluble in ethanol(96 percent), practically insoluble in methylene chloride. It dissolves in dilute solutions of alkali hydroxides.

Physical Properties

Melting point, °C	220
Flash point, °C	11
Density	1.606

Specification

Appearance	A white or almost white crystalline powder
Solubility	Practically insoluble in water, soluble in acetone, sparingly soluble in ethanol(96 percent), practically insoluble in methylene chloride. It dissolves in dilute solutions of alkali hydroxides.

MP	About 210°C, with decomposition
Chloride	NMT0.02%
Sulfate	NMT0.03%
Heavy metals	NMT20ppm
Loss on drying	NMT0.5%
Sulphated ash	NMT0.1%
Assay	98.5%~101.0%(dried substance)

Safety

Keep away from heat/sparks/open flames/hot surfaces. Wear suitable protective clothing and gloves. It is common goods on transportation;

Always refer to the Material Safety Data Sheet (MSDS)

Applications

This compound belongs to the aminobenzenesulfonamides. These are organic compounds containing a benzenesulfonamide moiety with an amine group attached to the benzene ring. Furosemide inhibits ion co-transport in the kidney. Furosemide is used as a diuretic.

Packaging

25kg per fiber drum.

Storage & Handling

Avoid exposure - obtain special instructions before use. Avoid contact with skin and eyes. Avoid inhalation of vapour or mist. Keep away from sources of ignition - No smoking. Take measures to prevent the build up of electrostatic charge.

Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

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