

Product Datasheet

GK2256 - Glycyrrhizic acid ammonium salt

Precautionary Codes

P305+P351+P338,
P337+P313

Pictograms

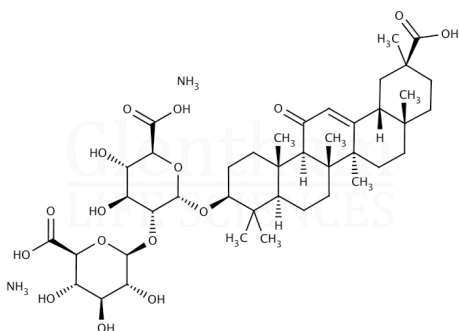


Product Details

Product Name	Glycyrrhizic acid ammonium salt
Glenthams Code	GK2256
CAS Number	53956-04-0
EINECS	258-887-7
MDL Number	MFCD00167400
PubChem SID	310274306
Related Categories	Carbohydrates, Phytochemicals, Oligosaccharides

Structure

Molecular Weight : 839.96 (anhydrous)
Molecular Formula : $C_{42}H_{62}O_{16} \cdot NH_3 \cdot xH_2O$



Glenthams Product Specification

Physical Description	: White or yellowish-white, hygroscopic powder
Identification	: According to EP
Appearance of Solution	: According to EP
Specific Optical Rotation	: +49.0 - +54.0 °
Related Substances	: 18 α -glycyrrhizic acid: $\leq 10.0\%$: Impurity A: $\leq 5.0\%$: Any Other Impurity: $\leq 2.0\%$: Sum of Other Impurities: $\leq 7.0\%$
Heavy Metals	: $\leq 20\text{ppm}$
Water	: $\leq 6.0\%$
Sulphated Ash	: $\leq 0.2\%$
Assay	: 98.0 - 102.0 % (anhydrous basis)
Pharmacopoeia Specification(s)	: EP
Version	: v1.1

About Glycyrrhizic acid ammonium salt

Glycyrrhizic acid is a type of triterpenoid saponin derived from *Glycyrrhiza glabra* (licorice) root. Approximately 40 times more sweet-tasting than sucrose, it also possesses antiviral properties. Other effects on cells are antioxidant, anti-inflammatory and antimicrobial in action.

Storage

Recommended storage temperature: +4°C.

Hazards and Transport

Not classified as dangerous for transport.

CLP Classification	Eye Irr. 2A
Signal Word	Warning
Hazard Codes	H319

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