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Product Datasheet

GK2256 - Glycyrrhizic acid ammonium salt

Product Details

Product Name Glycyrrhizic acid ammonium

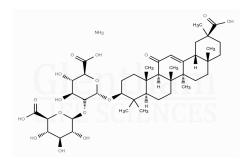
Glentham Code GK2256 **CAS Number** 53956-04-0 **EINECS** 258-887-7

Numéro MDL MFCD00167400 310274306 PubChem SID **Related Categories** Carbohydrates,

Phytochemicals, Oligosaccharides

Structure

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



Storage

Recommended storage temperature: +4°C.

Hazards and Transport

Not classified as dangerous for transport. **CLP Classification** Eye Irr. 2A

Signal Word Attention **Hazard Codes** H319

P305+P351+P338, **Precautionary Codes** P337+P313

Pictograms



Glentham Product Specification

White or yellowish-white, hygroscopic powder Physical Description

Identification According to EP Appearance of Solution : According to EP

Specific Optical

Rotation

18 α-glycyrrhizic acid: ≤ 10.0%

: +49.0 - +54.0 °

Related

Substances

Impurity A: ≤ 5.0%

Any Other Impurity: ≤ 2.0% Sum of Other Impurities: ≤ 7.0%

Heavy Metals ≤ 20ppm Water ≤ 6.0% Sulphated Ash : ≤ 0.2%

Assay 98.0 - 102.0 % (anhydrous basis)

Pharmacopoeia Specification(s)

ΕP

Version : v1.1

About Glycyrrhizic acid ammonium salt

Glycyrrhizic acid is a type of triterpenoid saponin derived from Glycyrrhiza glabra (liquorice) 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.

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