

## Product Datasheet

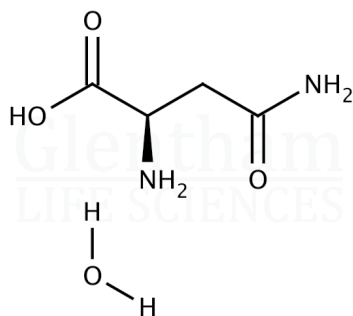
### GM5903 - D-Asparagine monohydrate

#### Product Details

Product Name	D-Asparagine monohydrate
Glenthams Code	GM5903
CAS Number	5794-24-1
EINECS	218-163-3
MDL Number	MFC00149558
Additional CAS	2058-58-4 (anhydr.)
PubChem SID	310267053
Related Categories	Amino Acids, Biochemicals

#### Structure

Molecular Weight : 150.14  
Molecular Formula :  $C_4H_8N_2O_3 \cdot H_2O$



#### Storage

Recommended storage temperature: +20°C.

#### Hazards and Transport

Not classified as hazardous under CLP.  
Not classified as dangerous for transport.

#### Glenthams Product Specification

Physical Description	: White to off-white powder
Specific Optical Rotation	: -33.0 - -37.0 ° (C=5, 5M HCl)
Residue on Ignition	: ≤ 0.1%
Chloride (Cl)	: ≤ 0.02%
Sulphate (SO <sub>4</sub> )	: ≤ 0.02%
Iron (Fe)	: ≤ 10ppm
Heavy Metals	: ≤ 10ppm
Loss on Drying	: 11.5 - 12.5 %
Assay	: 98.5 - 101.5 %
Version	: v1.0

#### About D-Asparagine monohydrate

No further details on record.