

## Product Datasheet

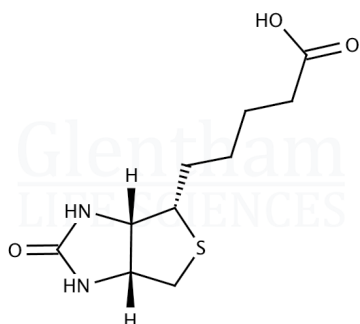
### GV4685 - D-(+)-Biotin, EP, USP grade

#### Product Details

Product Name	D-(+)-Biotin, EP, USP grade
Glentham Code	GV4685
CAS Number	58-85-5
EINECS	200-399-3
MDL Number	MFCD00005541
PubChem SID	310267833
Additional CAS	22879-79-4
Related Categories	Biochemicals, Vitamins, Raw Materials (IVD), Reagents for Cell Culture, Reagents for Western Blotting

#### Structure

Molecular Weight	: 244.32
Molecular Formula	: C <sub>10</sub> H <sub>16</sub> N <sub>2</sub> O <sub>3</sub> S



#### Storage

Recommended storage temperature: +4°C.

#### Hazards and Transport

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

### Glentham Product Specification

Physical Description	: White to almost white crystalline powder
Identification	: According to EP, USP
Solubility (1% in 0.1M NaOH)	: Clear, colourless solution
Specific Optical Rotation ([α] <sub>D</sub> <sup>20</sup> )	: +89 - +93 ° (c=1, 0.1M NaOH)
Sulphated Ash	: ≤ 0.1%
Loss on Drying	: ≤ 1.0%
Heavy Metals	: ≤ 10ppm
Related Substances (TLC)	: ≤ 0.25%
Assay	: 99.0 - 101.0 % (dried basis)
Pharmacopoeia Specification(s)	: EP, USP
Version	: v1.0

### About D-(+)-Biotin, EP, USP grade

No further details on record.