

## Product Datasheet

### GE4032 - 3,3''-Diaminobenzidine tetrahydrochloride hydrate

Hazard Codes

H350, H302, H341, H319

Precautionary Codes

P305+P351+P338,  
P308+P313, P281

Pictograms



#### Product Details

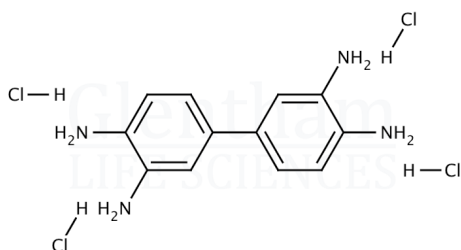
|                    |                                                      |
|--------------------|------------------------------------------------------|
| Product Name       | 3,3''-Diaminobenzidine<br>tetrahydrochloride hydrate |
| Glenthams Code     | GE4032                                               |
| CAS Number         | 868272-85-9                                          |
| EINECS             | 231-018-9                                            |
| MDL Number         | MFCD08273058                                         |
| Additional CAS     | 7411-49-6 (anhydr.)                                  |
| PubChem SID        | 310271267                                            |
| Related Categories | Biochemicals, Enzyme<br>Substrates                   |

#### Glenthams Product Specification

|                      |                                           |
|----------------------|-------------------------------------------|
| Physical Description | : Grey to purple-brown crystalline powder |
| Loss on Drying       | : ≤ 10.0%                                 |
| Assay (HPLC)         | : ≥ 96.0%                                 |
| Version              | : v1.1                                    |

#### Structure

|                   |                                            |
|-------------------|--------------------------------------------|
| Molecular Weight  | : 360.11 (anhydrous)                       |
| Molecular Formula | : $C_{12}H_{14}N_4 \cdot 4HCl \cdot xH_2O$ |



#### About 3,3''-Diaminobenzidine tetrahydrochloride hydrate

No further details on record.

#### Storage

Recommended storage temperature: +20°C.

#### Hazards and Transport

Not classified as dangerous for transport.

CLP Classification      Carc. 1B, Acute Tox. 4,  
Muta. 2, Eye Irr. 2A

Signal Word              Danger

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