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## Product Datasheet

### 4-MU-alpha-GlcNS (sodium), CAS [[460085-45-4]] MCE-HY-D1632

|                            |                                                                                                                                                                                                                                                                                        |
|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | 4-MU-alpha-GlcNS (sodium), CAS [[460085-45-4]]                                                                                                                                                                                                                                         |
| Biozol Catalog Number      | MCE-HY-D1632                                                                                                                                                                                                                                                                           |
| Supplier Catalog Number    | HY-D1632                                                                                                                                                                                                                                                                               |
| Alternative Catalog Number | MCE-HY-D1632-500UG                                                                                                                                                                                                                                                                     |
| Manufacturer               | MedchemExpress                                                                                                                                                                                                                                                                         |
| Category                   | Biochemikalien                                                                                                                                                                                                                                                                         |
| Product Description        | 4-MU-alpha-GlcNS sodium is a fluorogenic substrate of heparin sulphamidase, is desulfurized into 4-MU-alpha-GlcNH <sub>2</sub> . 4-MU-alpha-GlcNH <sub>2</sub> can liberate 4-methylumbelliferone (4-MU, fluorescent product) via alpha-glucosaminidase catalysis, with the emissio... |
| Molecular Weight           | 439.37                                                                                                                                                                                                                                                                                 |
| Purity                     | 99.81                                                                                                                                                                                                                                                                                  |
| CAS Number                 | [460085-45-4]                                                                                                                                                                                                                                                                          |
| Formula                    | C <sub>16</sub> H <sub>18</sub> NNaO <sub>10</sub> S                                                                                                                                                                                                                                   |
| Target                     | Fluorescent Dye                                                                                                                                                                                                                                                                        |
| Application Notes          | MCE Product type: Dye Reagents                                                                                                                                                                                                                                                         |