

Chem-Impex International, Inc.

Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

Product Specifications

| | |
|--------------------------|---|
| Catalogue Number | 01571 |
| Product | 4-Methylumbelliferyl-N-acetyl-β-D- 4-Methylumbelliferyl-2-acetamido-2-deoxy-β-O-galactopyranoside |
| CAS Number | 36476-29-6 |
| Molecular Formula | C ₁₈ H ₂₁ NO ₈ |
| Molecular Weight | 379.4 |

| | |
|---------------------------|--|
| Appearance | White to off-white powder |
| Solubility | Almost colorless solution (1% in DMF) |
| Optical Rotation | [α] _D = -46 ± 2 ° (C=0.3 in Pyridine) |
| Infrared Spectrum | Conforms to structure |
| Related Substances | Free 4-MU : ≤ 50 mg/Kg |
| Purity by HPLC | ≥ 99% |
| Storage | Store at 0 - 8 °C |

For Laboratory Use Only