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**Product Data Sheet**


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Product Name: N-acetyl-D-Lactosamine

Cat. No.: GC10879

**Chemical Properties**

Cas. No. 32181-59-2

SMILES O[C@@H]1[C@@H](O)[C@@H](O)[C@@H](CO)O[C@H]1O[C@]([C@H](O)[C@@H](NC(C)=O)C=O)([H])[C@H](O)COFormula C<sub>14</sub>H<sub>25</sub>NO<sub>11</sub>

M.Wt 383.4

Solubility DMF: 0.5 mg/ml, DMSO: 30 mg/ml, Ethanol: slightly, PBS (pH 7.2): 10 mg/ml

Storage Store at -20°C

General tips For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT, or blue ice upon request.

Structure **Background**

N-acetyl-D-Lactosamine is a disaccharide consisting of galactose and N-acetylglucose. It occurs naturally as a structural element in a variety of glycoconjugates. N-acetyl-D-Lactosamine is used to characterize lectins.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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