



D-(+)-Maltose Monohydrate

Catlog Number: OM-5710

• Basic Info

CAS No.: 6363-53-7

Molecular Formula: C₁₂H₂₂O₁₁·H₂O

MW: 342.30 (anhydrous basis)

Aspect: White powder

Size: 25 g; 100 g; 500 g; 1 kg; 25 g; 100 g; 500 g;

Application: Used as biological culture medium, polysulfide determination agent, analytical chemistry colorimetric determination of standard brown.

• Properties

Storage: Store at RT

Solubility: H₂O:50 mg/mL

Synonyms: 4-O-alpha-D-glucopyranosyl-D-glucose, maltose, syrupy sugar

MDL: MFCD00149343

Melting Point: 119-121°C(lit.)

Safety Description: S24/25

R-phrases: R33;R36/37/38;R43;

SMILES: C(C1C(C(C(C(O1)OC(C(CO)O)C(C(C=O)O)O)O)O)O)O.O

InchiKey: HBDJFVFTHLOSDW-UHFFFAOYSA-N

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