

**Product Name** : UDP-6-azido-6-deoxy-D-glucose

**Synonyms** : —

**Cat No.** : M19385

**CAS Number** : 537039-67-1

**Molecular Formula** : C<sub>15</sub>H<sub>23</sub>N<sub>5</sub>O<sub>16</sub>P<sub>2</sub>

**Formula Weight** : 591.31

**Chemical Name** : —

**Description** : UDP-6-azido-6-deoxy-D-glucose is a chemical building block that is used for saccharide synthesis. The azide group can be reduced to give the amine which has been used to make a fluorescent tag for 5-(hydroxymethyl)cytosine in DNA. UDP-6-azido-6-deoxy-D-glucose has also been used to synthesise siderophore conjugates which can be used to deliver functional reagents across bacterial cell membranes.

**Pathway** : Others

**Target** : Other Targets

**Receptor** : —

**Solubility** : Soluble in DMSO

**SMILES** : —

**Storage** : (-20°C)

**Stability** : ≥ 2 years

**Reference** :