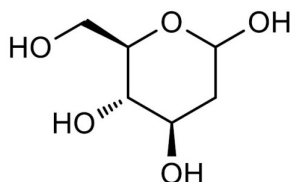


## 2-Deoxy-D-glucose

Catalogue No.: abx282553



2-Deoxy-D-glucose is a small molecule which can act as a Non-metabolizable glucose analog. It is provided as a white powder.

This product acts on the following biochemical pathways: Cell cycle, Glucose metabolism.

This product may be of interest in the following research areas and diseases: Cell death, Diabetes.

Please note that our chemical products are for scientific research use only in a laboratory and are not for medical or veterinary use. This product can only be dispatched to a scientific business or laboratory address.

**Target:** 2-Deoxy-D-glucose

**Form:** Solid

**Purity:** > 97% (GC). Conforms to structure by NMR.

**Reconstitution:** Soluble in water (50 mg/ml) or DMSO (17 mg/ml).

**Storage:** Store desiccated at -20 °C for up to 3 years. Store solutions at -20 °C for up to 3 months.

**Molecular Weight:** 164.2 g/mol

**Molecular Formula:** C<sub>6</sub>H<sub>12</sub>O<sub>5</sub>

**Buffer:** Not applicable.

**CAS Number:** 154-17-6

**Note:** THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.