

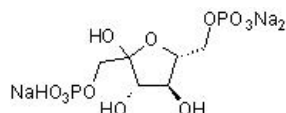
## Product datasheet

### D-Fructose 1,6-diphosphate trisodium salt, Common metabolic sugar ab145276

[1 Image](#)

#### Overview

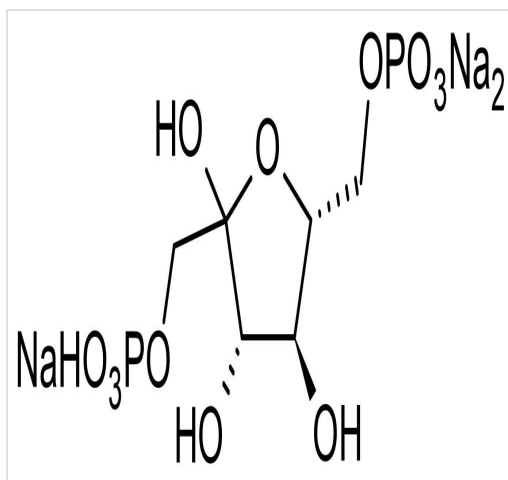
<b>Product name</b>	D-Fructose 1,6-diphosphate trisodium salt, Common metabolic sugar
<b>Description</b>	Common metabolic sugar.
<b>Biological description</b>	Common metabolic sugar. Precursor of glyceraldehyde 3-phosphate and dihydroxyacetone phosphate in the glycolytic pathway. Allosteric activator of enzymes such as pyruvate kinase and NAD <sup>+</sup> -dependent L-(+)-lactate dehydrogenase. Inhibitor of acetate kinase. Used as a substrate to identify and characterize enzymes such as fructose-1,6-bisphosphate aldolase(s) and fructose-1,6-bisphosphatase(s).
<b>Purity</b>	> 98%
<b>CAS Number</b>	38099-82-0
<b>Chemical structure</b>	



#### Properties

<b>Molecular weight</b>	406.06
<b>Molecular formula</b>	C <sub>6</sub> H <sub>11</sub> Na <sub>3</sub> O <sub>12</sub> P <sub>2</sub>
<b>Storage instructions</b>	Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.
<b>Solubility overview</b>	Soluble in water
<b>Handling</b>	<p>Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.</p> <p>Need more advice on solubility, usage and handling? Please visit our <a href="#">frequently asked questions (FAQ) page</a> for more details.</p>
<b>Source</b>	Synthetic

## Images



Chemical Structure - D-Fructose 1,6-diphosphate trisodium salt, Common metabolic sugar (ab145276)

2D chemical structure image of ab145276, D-Fructose 1,6-diphosphate trisodium salt, Common metabolic sugar

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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