

## D-Galactose-6-O-sulfate sodium salt

## Chemical Properties

CAS No. :	125455-62-1
Formula:	C <sub>6</sub> H <sub>11</sub> NaO <sub>9</sub> S
Molecular Weight:	282.20
Storage:	Keep away from moisture Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>

## Biological Description

Description	D-Galactose-6-O-sulfate sodium salt is a monosaccharide derivative bearing a sulfate group, widely used as a biochemical reagent in life science research, particularly suitable for detecting binding sites of glycoproteins. D-Galactose-6-O-sulfate sodium salt can also be used to determine galactose content and assess sulfatase activity.
Targets(IC50)	Others

## Solubility Information

Solubility	H <sub>2</sub> O: 100 mg/mL (354.36 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.5436 mL	17.7179 mL	35.4359 mL
5 mM	0.7087 mL	3.5436 mL	7.0872 mL
10 mM	0.3544 mL	1.7718 mL	3.5436 mL
50 mM	0.0709 mL	0.3544 mL	0.7087 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

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