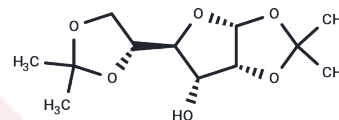


1,2:5,6-Di-O-isopropylidene-alpha-D-ribo-hexofuranose

Chemical Properties

CAS No. :	2595-05-3
Formula:	C ₁₂ H ₂₀ O ₆
Molecular Weight:	260.28
Storage:	Store at low temperature 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	1,2:5,6-Di-O-isopropylidene-alpha-D-ribo-hexofuranose is a pharmaceutical intermediate used in liquid crystal materials.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.842 mL	19.2101 mL	38.4202 mL
5 mM	0.7684 mL	3.842 mL	7.684 mL
10 mM	0.3842 mL	1.921 mL	3.842 mL
50 mM	0.0768 mL	0.3842 mL	0.7684 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.

Reference

Shatskiy A, et al. Exploiting photoredox catalysis for carbohydrate modification through C-H and C-C bond activation. Nat Rev Chem. 2022 Nov;6(11):782-805.

Ke L, et al. Dienedioic acid as a useful diene building block via directed Heck-decarboxylate coupling. Commun Chem. 2020 Apr 20;3(1):48.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481