


Data Sheet

Product Information

Catalog Number	BP13606
Product Name	(2R)-Octyl- α -hydroxyglutarate
Description	(2R)-Octyl- α -hydroxyglutarate ((2R)-Octyl-2-HG) is a D-isomer 2-Hydroxyglutarate modified form.
In vitro	Treatment of IDH1-WT HeLa cells with (2R)-octyl- α -hydroxyglutaric acid (a modified form of 2-hydroxyglutaric acid with high cellular uptake) results in a dose-dependent DSB in log phase cells increase. It has been used to examine the contribution of D-2-hydroxyglutarate to the oxidative mitochondrial process of IDH1 mutant cancer cells.
Synonyms	(2R)-Octyl-2-HG
CAS No.	1391194-67-4
Chemical Formula	C ₁₃ H ₂₄ O ₅
Molecular Weight	260.33
Solubility	DMSO: 100 mg/mL (384.13 mM), Need ultrasonic
Storage	Powder: -20°C for 2 years In solvent: -80°C for 1 year
Chemical Structure OR Tested Image	

Purdue Bioscience Inc.

750 50th St, Brooklyn, NY 11220, USA

<https://www.purduebio.com>

1-877.618.7311

info@purduebio.com

v2 Revision on 12/28/2022

Purdue Bioscience Inc.