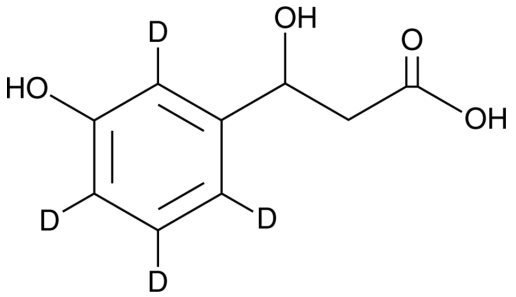
Product Data Sheet

Product Name: 3-(3-Hydroxyphenyl)-3-hydroxypropanoic Acid-d4
Cat. No.: GC91890

Chemical Properties

Cas. No.			
Chemical Name	β,3-dihydroxy-d4-benzenepropanoic acid		
SMILES	O=C(O)CC(C1=C([2H])C([2H])=C([2H])C(O)=C1[2H])O		
Formula	$C_9H_6D_4O_4$	M.Wt	186.2
Solubility		Storage	-20°C
General tips	For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while.Stock solution can be stored below -20°C for several months.		
Shipping Condition	Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.		

Structure



Background

3-(3-Hydroxyphenyl)-3-hydroxypropanoic acid-d_4 (HPHPA-d_4) is intended for use as an internal standard for the quantification of HPHPA by GC- or LC-MS. HPHPA is a urinary metabolite.[1]

References:
[1]. Khaniani, Y., Lipfert, M., Bhattacharyya, D., et al.A simple and convenient synthesis of unlabeled and 13C-labeled 3-(3-hydroxyphenyl)-3-hydroxypropionic acid and its quantification in human urine samplesMetabolites8(4)80(2018).

Caution: Product has not been fully validated for medical applications. For research use only.
Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com
Address: 10292 Central Ave. #205, Montclair, CA, USA