

Product Datasheet

Digitoxose (orb2564155)

Catalog Number	orb2564155
Category	Small Molecules
Description	Digitoxose (D-(+)-Digitoxose) is a specific and competitive inhibitor of glucose-stimulated insulin secretion, used in diabetes research. It has been applied in both in vitro studies with pancreatic islets and in vivo experiments in lean and obese mouse models to investigate beta-cell function.
MW	148.16
CAS Number	527-52-6
Formula	C ₆ H ₁₂ O ₄
SMILES	[C@H]([C@H](CC=O)O)([C@@H](C)O)O
Storage	-20°C
Note	For research use only
Expiration Date	12 months from date of receipt.

Biorbyt Ltd.

7 Signet Court, Swann Road
Cambridge
CB5 8LA
United Kingdom

Email: info@biorbyt.com, support@biorbyt.com
Phone: [+44 \(0\)1223 859353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

Biorbyt LLC

68 TW Alexander Drive
Research Triangle Park
Durham
NC 27713
United States

Email: info@biorbyt.com, support@biorbyt.com
Phone: [+1 \(415\) 906-5211](tel:+1(415)906-5211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)