

Product Datasheet

Fluvastatin sodium monohydrate (orb2566221)

Catalog Number	orb2566221
Category	Small Molecules
Description	Fluvastatin sodium is a fully synthetic, competitive HMG-CoA reductase inhibitor ($IC_{50} = 8 \text{ nM}$). It also protects vascular smooth muscle cells from oxidative stress by activating the Nrf2 antioxidant pathway, making it a useful tool for cardiovascular and oxidative stress research in vitro and in vivo.
Target	Apoptosis, HMG-CoA Reductase
MW	451.46
CAS Number	201541-53-9
Formula	$C_{24}H_{27}FNaO_5$
SMILES	<chem>[O-]C(C[C@@H](O)C[C@@H](O)/C=C/C1=C(C2=CC=C(C=C2)F)C3=CC=CC=C3N1C(C)C)=O.[Na+].O</chem>
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 | Fax: +1 (415) 651-8558

Biorbyt LLC

68 TW Alexander Drive
Research Triangle Park
Durham
NC 27713-2847
United States

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