

Product Datasheet

Orexin A (human, rat, mouse) acetate (orb1983558)

Catalog Number	orb1983558
Category	Tools
Description	Orexin A (human, rat, mouse) acetate, also known as Hypocretin-1, is an excitatory neuropeptide with analgesic effects that acts as an agonist at both OX1 and OX2 receptors. It is widely used in neuroscience research, including in vitro binding assays and in vivo studies investigating sleep-wake regulation, pain modulation, and neurodegenerative disease models.
Target	OX Receptor
MW	3621.15
Target Areas	OX Receptor
Solubility (25°C)	H2O:40 mg/mL (11.05 mM)
Formula	$C_{154}H_{247}N_{47}O_{46}S_4$
Storage	keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year Shipping with blue ice/Shipping at ambient temperature.
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)