

Product Datasheet

Sob-AM2 (orb2665049)

Catalog Number	orb2665049
Category	Small Molecules
Description	Sob-AM2 is a brain-targeted prodrug of Sobetirome that acts as a substrate for fatty acid amide hydrolase (FAAH; $K_m=1.3 \mu\text{M}$). It enables efficient central nervous system delivery and TR β receptor activation with minimal peripheral exposure, making it a valuable tool for studying thyroid hormone signaling in neurological research models.
Target	FAAH,Thyroid hormone receptor(THR)
MW	341.44
CAS Number	2128258-47-7
Formula	$\text{C}_{21}\text{H}_{27}\text{NO}_3$
SMILES	<chem>O=C(NC)COC=1C=C(C(=C(C1)C)CC2=CC=C(O)C(=C2)C(C)C)</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](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 27713-2847
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)