

Product Datasheet

Senecionine acetate (orb1981775)

Catalog Number	orb1981775
Category	Small Molecules
Description	Senecionine acetate is a pyrrolizidine alkaloid that disrupts calcium ion sequestration in both mitochondrial and extramitochondrial spaces, primarily by inactivating free sulfhydryl groups. This mechanism makes it a useful research tool for studying calcium homeostasis and cellular toxicity in various in vitro and in vivo experimental models.
Target	Others, Mitochondrial Metabolism
MW	377.43
CAS Number	126642-77-1
Formula	C ₂₀ H ₂₇ NO ₆
SMILES	<chem>O=C/C1=CC2([C@@]3([C@@]1)N(CC2)CC=C3COC(=O)C(=O)OC(C)=O)C[C@H](C)C\C1=C\C([H])[H]</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
United States

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