

Product Datasheet

(-)-Jasmonoyl-L-isoleucine (orb1983141)

Catalog Number	orb1983141
Category	Small Molecules
Description	(-)-Jasmonoyl-L-isoleucine is the inactive enantiomer of the bioactive plant hormone (+)-JA-Ile. It serves as a critical control compound in plant biology research, enabling the study of jasmonate signaling mechanisms in both in vitro receptor binding assays and in vivo plant response experiments.
Target	Others,Endogenous Metabolite
MW	323.43
CAS Number	120330-93-0
Formula	C ₁₈ H ₂₉ NO ₄
SMILES	<chem>CC\C=C/C[C@@H]1[C@@H](CC(=O)N[C@@H]([C@@H](C)CC)C(O)=O)CCC1=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](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)