

Product Datasheet

6-O-Isobutyrylbritannilactone (orb1981884)

Description	6-O-Isobutyrylbritannilactone, a sesquiterpene natural melanogenesis inhibitor, can be extracted from Inula britannica flowers. It effectively suppresses IBMX-induced melanin production in B16F10 cells and exerts antimelanogenic effects in zebrafish embryo models by modulating ERK, PI3K/AKT, and CREB pathways [1].
Storage	-20°C
Note	For research use only
Formula	C ₁₉ H ₂₈ O ₅
Purity	98.00%
MW	336.42
CAS Number	1259933-02-2
SMILES	<chem>O(C(C(C)C)=O)[C@H]1[C@@]2([C@@](CC(C)=C1[C@H](CCCO)C)(OC(=O)C2=C)[H])[H]</chem>
Expiration Date	12 months from date of receipt.

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