

Product Datasheet

S-30-Hydroxygambogic acid (orb1943532)

Catalog Number	orb1943532
Category	Small Molecules
Description	S-30-Hydroxygambogic acid is a cytotoxic polyprenylated xanthone epimer from <i>Garcinia hanburyi</i> gamboges. It demonstrates potent activity against human leukemia K562 cell lines, including multidrug-resistant (K562/R, IC50 4.49 μM) and sensitive (K562/S, IC50 3.61 μM) variants, making it a valuable compound for anticancer research.
MW	644.75
CAS Number	881027-36-7
Formula	C ₃₈ H ₄₄ O ₉
SMILES	<chem>C(/C=C(\C(O)=O)/CO)[C@@]12[C@]34C(C(=O)C=5C(O3)=C(CC=C(C)C)C6=C(C5O)C=C[C@@](CCC=C(C)C)(C)O6)=CC(C1=O)(C[C@]4(C(C)(C)O2)[H])[H]</chem>
Storage	-20°C
Note	For research use only
Expiration Date	12 months from date of receipt.

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