



Product Information

Resorufin pentyl ether

Cat. No.: X24-11-LY519

Size: 2 mg; 5 mg; 10 mg; 25 mg; 50 mg

MDL: MFCD00037664

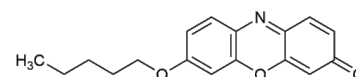
CAS Number: 87687-03-4

Compound CID: 107683

Synonym: 87687-03-4; 7-(Pentyloxy)-3*H*-phenoxazin-3-one; 7-Pentoxyresorufin;

7-Pentoxyphenoxazone; Pentoxyresorufin

This product is for research use only and is not intended for diagnostic use.



Product Information

Description	Resorufin pentyl ether is a resorufin substrate with hydrophobicity and cell membrane permeability.
Molecular Weight	283.32
Molecular Formula	C ₁₇ H ₁₇ NO ₃
IUPAC Name	7-Pentoxyphenoxazin-3-one
InChI	InChI=1S/C17H17NO3/c1-2-3-4-9-20-13-6-8-15-17(11-13)21-16-10-12(19)5-7-14(16)18-15/h5-8,10-11H,2-4,9H2,1H3
InChI Key	ZPSOKQFFOYYPKC-UHFFFAOYSA-N
SMILES string	CCCCCOC1=CC2=C(C=C1)N=C3C=CC(=O)C=C3O2
Form	Powder
Purity	≥95%
Applications	Resorufin pentyl ether can be used as biomarkers for cell activity determination, observation of redox reactions, and probes in various other biological experiments.
Storage	Store at -20°C.