

Product Datasheet

Oxythiamine chloride (orb2565599)

Description	Oxythiamine (Hydroxythiamine) chloride, a thiamine antagonist and analogue of anti-metabolite, inhibits transketolase (TK) and suppresses the non-oxidative synthesis of ribose, leading to cell apoptosis. It inhibits cancer cell proliferation and induces apoptosis [1] [2] [3].
Storage	-20°C
Note	For research use only
Formula	$C_{12}H_{16}ClN_3O_2S$
Purity	98.00%
MW	301.79
CAS Number	582-36-5
SMILES	<chem>C([N+]=1C(C)=C(CCO)SC1)C=2C(=O)NC(C)=NC2.[Cl-]</chem>
Expiration Date	12 months from date of receipt.

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