



Product Information

Pirolate

Cat. No.: X23-12-YM1250

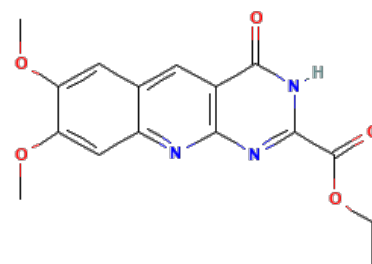
Size: 1 mg; 5 mg; 10 mg; 50 mg

CAS Number: 55149-05-8

Compound CID: 135445830

Synonym: 55149-05-8; CP-32387; CP32387; CP 32387

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



Product Information

Description	Pirolate inhibits the signaling pathway between G-protein-coupled receptors (GPCRs) and G proteins.
Molecular Weight	329.31
Molecular Formula	C ₁₆ H ₁₅ N ₃ O ₅
IUPAC Name	Ethyl 7,8-dimethoxy-4-oxo-3H-pyrimido[4,5-b]quinoline-2-carboxylate
InChI	InChI=1S/C16H15N3O5/c1-4-24-16(21)14-18-13-9(15(20)19-14)5-8-6-11(22-2)12(23-3)7-10(8)17-13/h5-7H,4H2,1-3H3,(H,17,18,19,20)
InChI Key	KIDJDJMACBOHKQ-UHFFFAOYSA-N
Canonical SMILES	CCOC(=O)C1=NC2=C(C=C3C=C(C(=CC3=N2)OC)OC)C(=O)N1
Form	Lyophilized powder
Purity	>98%
Stability	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
Applications	Pirolate can be studied for its effect on blocking the action of acetylcholine, a neurotransmitter involved in various physiological processes, including muscle contraction.
Storage	Store at -20°C, and keep desiccated.