

Product Information

Emicerfont

Cat. No.: X23-12-YM858

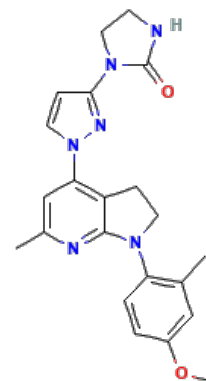
Size: 1 mg; 5 mg; 10 mg; 50 mg

CAS Number: 786701-13-1

Compound CID: 11223423

Synonym: 786701-13-1; GW876008X

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



Product Information

Description	Emicerfont inhibits the signaling pathway between G-protein-coupled receptors (GPCRs) and G proteins.
Molecular Weight	404.47
Molecular Formula	C ₂₂ H ₂₄ N ₆ O ₂
IUPAC Name	1-[1-[1-(4-Methoxy-2-methylphenyl)-6-methyl-2,3-dihydropyrrolo[2,3-b]pyridin-4-yl]pyrazol-3-yl]imidazolidin-2-one
InChI	InChI=1S/C22H24N6O2/c1-14-12-16(30-3)4-5-18(14)26-9-6-17-19(13-15(2)24-21(17)26)28-10-7-20(25-28)27-11-8-23-22(27)29/h4-5,7,10,12-13H,6,8-9,11H2,1-3H3,(H,23,29)
InChI Key	JFHJGXQFESYQGY-UHFFFAOYSA-N
Canonical SMILES	CC1=CC(=C2CCN(C2=N1)C3=C(C=C(C=C3)OC)C)N4C=CC(=N4)N5CCNC5=O
Form	Lyophilized powder
Purity	>98%
Stability	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
Applications	Emicerfont can be studied for its effect on modulating serotonin signaling through its antagonism of the 5-HT6 receptor.
Storage	Store at -20°C, and keep desiccated.