

## Product Information

### Vargulin trifluoroacetate

**Cat. No.:** X24-11-LY476

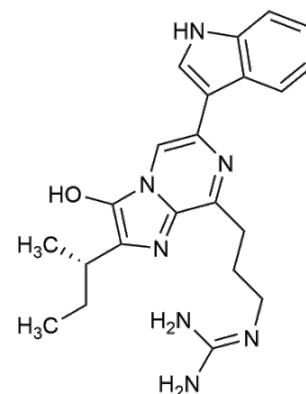
**Size:** 1 mg; 2 mg; 5 mg; 10 mg; 25 mg

**CAS Number:** 7273-34-9

**Compound CID:** 135471596

**Synonym:** 7273-34-9; Cypridina luciferin TFA salt; Vargula luciferin TFA salt; Vargulin trifluoroacetate salt; Cypridinid luciferin

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



### Product Information

<b>Description</b>	Vargulin trifluoroacetate is a bioluminescent substrate for cypridina luciferase.
<b>Molecular Weight</b>	519.52
<b>IUPAC Name</b>	2-[3-[2-Butan-2-yl-3-hydroxy-6-(1H-indol-3-yl)imidazo[1,2-a]pyrazin-8-yl]propyl]guanidine
<b>InChI</b>	InChI=1S/C22H27N7O/c1-3-13(2)19-21(30)29-12-18(15-11-26-16-8-5-4-7-14(15)16)27-17(20(29)28-19)9-6-10-25-22(23)24/h4-5,7-8,11-13,26,30H,3,6,9-10H2,1-2H3,(H4,23,24,25)
<b>InChI Key</b>	AVNJFDTZJJNPKF-UHFFFAOYSA-N
<b>SMILES string</b>	CCC(C)C1=C(N2C=C(N=C(C2=N1)CCCN=C(N)N)C3=CNC4=CC=CC=C43)O
<b>Form</b>	Solid
<b>Purity</b>	≥99%, determined by HPLC.
<b>Identity</b>	Confirmed by NMR.
<b>Applications</b>	Vargulin trifluoroacetate plays an important role in the analysis and measurement of luciferase.
<b>Storage</b>	store at -20°C.