



## Product Information

### Proton Pump inhibitor KM91104, Purity $\geq 98\%$

**Cat. No.:** X24-07-ZQ691

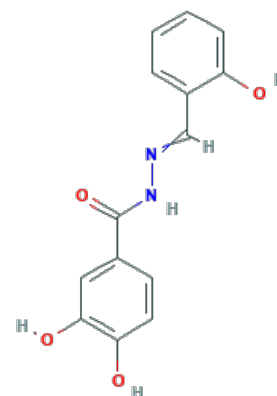
**Size:** 5 mg; 10 mg; 50 mg; 100 mg

**CAS Number:** 304481-60-5

**Compound CID:** 832872

**Synonym:** 304481-60-5; Proton Pump inhibitor

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



#### Product Information

<b>Description</b>	KM91104 obstructs the activity of proton pumps, enzymes critical for acid secretion in the stomach, playing a crucial role in managing conditions like acid reflux.
<b>Molecular Weight</b>	272.26
<b>Molecular Formula</b>	C <sub>14</sub> H <sub>12</sub> N <sub>2</sub> O <sub>4</sub>
<b>IUPAC Name</b>	3,4-Dihydroxy-N-[(2-hydroxyphenyl)methylideneamino]benzamide
<b>InChI</b>	InChI=1S/C14H12N2O4/c17-11-4-2-1-3-10(11)8-15-16-14(20)9-5-6-12(18)13(19)7-9/h1-8,17-19H,(H,16,20)
<b>InChI Key</b>	GWVYHPUGEQQSF-UHFFFAOYSA-N
<b>Canonical SMILES</b>	C1=CC=C(C(=C1)C=NNC(=O)C2=CC(=C(C=C2)O)O)O
<b>Form</b>	Lyophilized powder
<b>Purity</b>	$\geq 98\%$
<b>Identity</b>	Confirmed by NMR/HPLC/MS.
<b>Stability</b>	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
<b>Quality Level</b>	Research grade
<b>Applications</b>	KM91104 is a proton pump inhibitor utilized to explore mechanisms of gastric acid secretion and related gastrointestinal disorders.
<b>Storage</b>	Store at -20°C, and keep desiccated.