



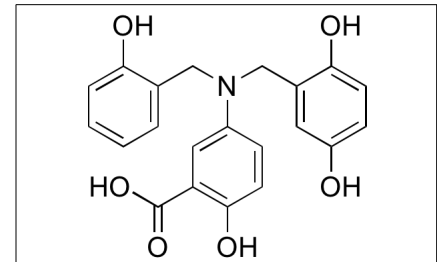
LKT Laboratories, Inc.

Lavendustin A

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## Product Information

**Product ID** L0284  
**CAS No.** 125697-92-9  
**Chemical Name** 5-Amino-[(N-2,5-dihydroxybenzyl)-N'-2-hydroxy-benzyl] salicylic Acid  
**Synonym** 5-[[[(2,5-Dihydroxyphenyl)methyl][(2-hydroxyphenyl)-methyl]amino]-2-hydroxybenzoic acid  
**Formula** C<sub>21</sub>H<sub>19</sub>NO<sub>6</sub>  
**Formula Wt.** 381.38  
**Melting Point** 158° C  
**Purity** ≥97%  
**Solubility** Soluble in DMSO or ethanol, or acetic acid.



**Bulk quantities available upon request**

Product ID	Size
L0284	1 mg
L0284	5 mg

**Store Temp** -20° C

**Ship Temp** Ambient

**Description** Lavendustin A inhibits various tyrosine kinases and exhibits neuroprotective activity, increasing axonal outgrowth in neurons; this compound is used in research models to examine the effects of tyrosine kinases.

**References** Rojas A, Wetherington J, Shaw R, et al. Activation of group I metabotropic glutamate receptors potentiates heteromeric kainate receptors. *Mol Pharmacol.* 2013 Jan;83(1):106-21. PMID: 23066089.

Kim HJ, Ahn HS, Choi BH, et al. Inhibition of Kv4.3 by genistein via a tyrosine phosphorylation-independent mechanism. *Am J Physiol Cell Physiol.* 2011 Mar;300(3):C567-75. PMID: 21148405.

Murakami K, Kanno H, Yamamoto I, et al. Lavendustin A enhances axon elongation in VHL gene-transfected neural stem cells. *Neuroreport.* 2004 Mar 22;15(4):611-4. PMID: 15094462.

**Caution:** This product is intended for laboratory and research use only. It is not for human or drug use.