

## Product Datasheet

### L-803087 (orb1709296)

<b>Catalog Number</b>	orb1709296
<b>Category</b>	Small Molecules
<b>Description</b>	L-803087 is a highly selective sst4 receptor agonist (K <sub>i</sub> = 0.7 nM) with over 280-fold selectivity. It potentiates AMPA-mediated synaptic responses in hippocampal studies in vitro and has been shown to exacerbate seizures in alginate-induced seizure models in vivo, supporting its use in neuroscience research.
<b>Target</b>	Somatostatin
<b>Purity</b>	99.37% (May vary between batches)
<b>MW</b>	485.53
<b>Target Areas</b>	Somatostatin
<b>Solubility (25°C)</b>	DMSO:55 mg/mL (113.28 mM)
<b>CAS Number</b>	217480-26-7
<b>Formula</b>	C <sub>25</sub> H <sub>29</sub> F <sub>2</sub> N <sub>5</sub> O <sub>3</sub>
<b>SMILES</b>	<chem>COC(=O)[C@H](CCCNC(N)=N)NC(=O)CCCc1c([nH]c2c(F)cc(F)cc12)-c1ccccc1</chem>
<b>Storage</b>	Powder: -20°C for 3 years   In solvent: -80°C for 1 year   Shipping with blue ice/Shipping at ambient temperature.
<b>Note</b>	For research use only
<b>Expiration Date</b>	12 months from date of receipt.

**Biorbyt Ltd.**

7 Signet Court, Swann Road  
Cambridge  
CB5 8LA  
United Kingdom

Email: [info@biorbyt.com](mailto:info@biorbyt.com), [support@biorbyt.com](mailto:support@biorbyt.com)  
Phone: [+44 \(0\)1223 859353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

**Biorbyt LLC**

68 TW Alexander Drive  
Research Triangle Park  
Durham  
NC 27713  
United States

Email: [info@biorbyt.com](mailto:info@biorbyt.com), [support@biorbyt.com](mailto:support@biorbyt.com)  
Phone: [+1 \(415\) 906-5211](tel:+1(415)906-5211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)