

L-803087 TFA Biochemical | L-803087 biochemical

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CATALOG #
AAA227899

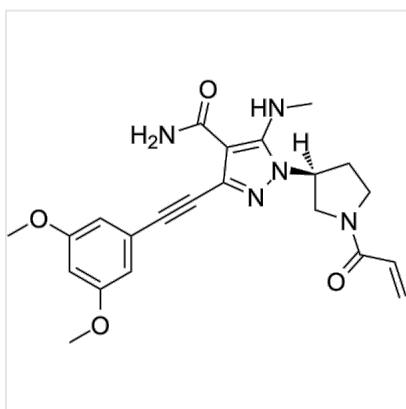
PRODUCT SYNONYMS

L-803087 TFA; ICP-192; L-803087 biochemical

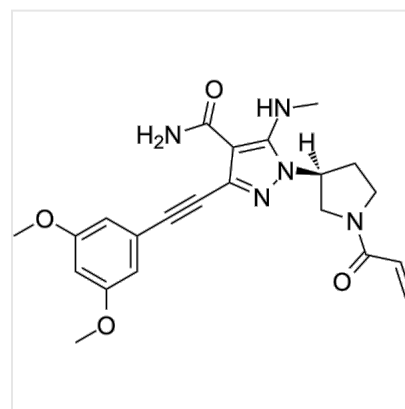
PRODUCT SPECIFICATIONS

Purity/Purification	98%
CAS	1786412-46-1
Targets&IC50	sst2 receptor:4720 nM (Ki), sst4 receptor:0.7 nM (Ki), sst1 receptor:199 nM (Ki), sst3 receptor:1280 nM (Ki), sst5 receptor:3880 nM (Ki)
Solubility	<1mg/ml refers to the product slightly soluble or insoluble
In vitro	L-803087 (5 nmol) is doubled seizure activity in wild-type mice on average. Interestingly, this effect is blocked by 3 nmol Octreotide. In hippocampal slices from wild-type mice, Octreotide (2 uM) does not modify AMPA-mediated synaptic responses while facilitation occurred with L-803087 (2 uM)[2].
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES



Structure
Gunagratinib, CAS 2211082-53-8



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ADDITIONAL INFORMATION

Related Product Information for L-803087 biochemical	L-803087 TFA is a potent and selective somatostatin sst4 receptor agonist with a K _i of 0.7 nM. L-803087 TFA is 280-fold more selective for sst4 receptor than other somatostatin receptors. L-803087 TFA facilitates AMPA-mediated hippocampal synaptic responses in vitro and increases kainate-induced seizures in mice.
References	1. Guo Ye, et al. Phase I result of ICP-192 (gunagratinib), a highly selective irreversible FGFR inhibitor, in patients with advanced solid tumors harboring FGFR pathway alterations. Journal of Clinical Oncology 39, no. 15_suppl (May 20, 2021) 4092-4092.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/biochemical/l-803087-tfa/227899>