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## DATASHEET

FLLRY-NH2

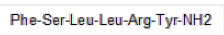
### Product overview

<b>Name</b>	FLLRY-NH2
<b>Cat No</b>	HB3309
<b>Biological description</b>	FLLRY-NH2 is a selective PAR <sub>2</sub> peptide antagonist.
<b>Description</b>	95% Selective PAR <sub>2</sub> peptide antagonist

### Solubility & Handling

<b>Storage instructions</b>	-20 °C
<b>Solubility overview</b>	Soluble in water (1 mg/ml)
<b>Important</b>	This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use

### Chemical Data

<b>Chemical name</b>	FLLRY-NH2 (modifications: Tyr-6 = C-terminal amide)
<b>Molecular Weight</b>	796.97
<b>Chemical structure</b>	
<b>Molecular Formula</b>	C <sub>39</sub> H <sub>60</sub> N <sub>10</sub> O <sub>8</sub>
<b>Sequence (one letter)</b>	FLLRY-NH2
<b>Modifications</b>	Tyr-6 = C-terminal amide
<b>CAS Number</b>	245329-02-6
<b>PubChem identifier</b>	73352412
<b>SMILES</b>	CC(C)C[C@@H](C(=O)N[C@@H](CCCN=C(N)N)C(=O)N[C@@H](CC1=CC=C(C=C1)O)C(=O)N)N C(=O)[C@H](CC(C)C)NC(=O)[C@H](CO)NC(=O)[C@H](CC2=CC=CC=C2)N
<b>InChiKey</b>	KMSCNWHRNILNRJ-JNRWAQIZSA-N

### References

**Proteinase-activated receptor 2 sensitizes transient receptor potential vanilloid 1, transient receptor potential vanilloid 4, and transient receptor potential ankyrin 1 in paclitaxel-induced neuropathic pain.**

Chen et al (2011) Neuroscience. 193

**PubMedID** [21763756](#)

**Tryptase/Protease-activated receptor 2 interactions induce selective mitogen-activated protein kinase signaling and collagen synthesis by cardiac fibroblasts.**

McLarty et al (2011) Hypertension 58(2)

**PubMedID** [21730297](#)

**Protease-activated receptors and itch.**

Akiyama et al (2015) Handb Exp Pharmacol. 226

**PubMedID** [25861783](#)

