



## Product Data Sheet

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**Product Name:** Protease-Activated Receptor-2, PAR-2 Agonist, amide

**Catalog Number:** AS-65490 (1 mg)

**Sequence:** 2-Furoyl-Leu-Ile-Gly-Arg-Leu-Orn-NH<sub>2</sub>

2-Furoyl-LIGRLO-NH<sub>2</sub>

**Molecular Weight:** 778

**Peptide Purity:** Peak Area by HPLC ≥95%

**Storage:** This peptide is shipped at ambient temperature. Upon receipt, store lyophilized peptide at –20°C or lower. Reconstituted peptide can be aliquoted and stored at –20°C or lower.

**Description:**

The peptide 2-furoyl-LIGRLO-NH<sub>2</sub> showed higher potency and receptor selectivity for *in vitro* assays than other PAR-2-activating peptides. 2-Furoyl-LIGRLO-NH<sub>2</sub> peptide was equally or more potent than SLIGRL-NH<sub>2</sub> for increasing intracellular calcium in cultured human and rat PAR-2-expressing cells and significantly more potent than SLIGRL-NH<sub>2</sub> in assays of tissue PAR-2 activity.

**References:**

McGuire, JJ. et al. *J Pharmacol Exp Ther* **309**, 1124 (2004).

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