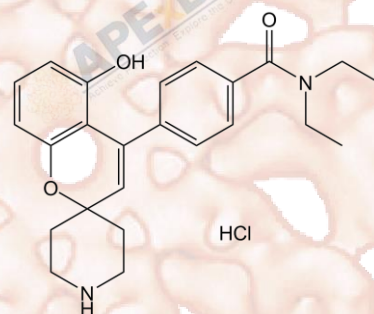


Product Data Sheet

ADL5859 HCl

Cat. No.:	A2986
CAS No.:	850173-95-4
Formula:	C ₂₄ H ₂₈ N ₂ O ₃ ·HCl
M.Wt:	428.95
Synonyms:	
Target:	Endocrinology and Hormones
Pathway:	Opioid Receptor
Storage:	Store at -20°C



Solvent & Solubility

≥21.45 mg/mL in DMSO; insoluble in EtOH; ≥5.48 mg/mL in H₂O with ultrasonic

In Vitro

	Solvent	Mass Concentration	1mg	5mg	10mg
Preparing Stock Solutions		1 mM	2.3313 mL	11.6564 mL	23.3127 mL
		5 mM	0.4663 mL	2.3313 mL	4.6625 mL
		10 mM	0.2331 mL	1.1656 mL	2.3313 mL

Please refer to the solubility information to select the appropriate solvent.

Biological Activity

Shortsummary

δ-opioid receptor agonist,selective

IC₅₀ & Target

0.84 nM (Ki) (δ-opioid receptor)

In Vitro

Cell Viability Assay

Preparation method:

In Vivo

Animal experiment

Applications:

Product Citations

See more customer validations on www.apexbt.com.

References

Caution

FOR RESEARCH PURPOSES ONLY.

NOT FOR HUMAN, VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

Specific storage and handling information for each product is indicated on the product datasheet. Most APEX[®]BIO products are stable under the recommended conditions. Products are sometimes shipped at a temperature that differs from the recommended storage temperature. Shortterm storage of many products are stable in the short-term at temperatures that differ from that required for long-term storage. We ensure that the product is shipped under conditions that will maintain the quality of the reagents. Upon receipt of the product, follow the storage recommendations on the product data sheet.

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