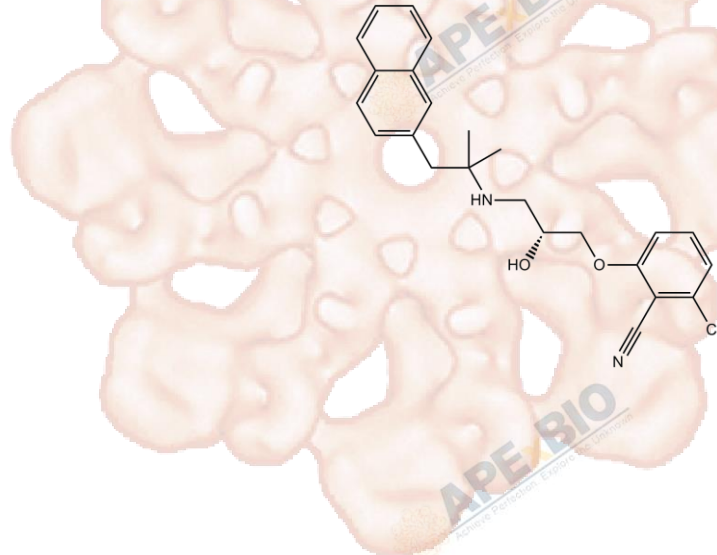


Product Data Sheet

NPS-2143

Cat. No.:	B1424
CAS No.:	284035-33-2
Formula:	C ₂₄ H ₂₅ ClN ₂ O ₂
M.Wt:	408.93
Synonyms:	
Target:	GPCR/G protein
Pathway:	CaSR
Storage:	Store at -20°C



Solvent & Solubility

≥40.9 mg/mL in DMSO; insoluble in H₂O; ≥28.35 mg/mL in EtOH

In Vitro

Preparing Stock Solutions	Solvent	Mass		
		1mg	5mg	10mg
	Concentration			
	1 mM	2.4454 mL	12.2270 mL	24.4541 mL
	5 mM	0.4891 mL	2.4454 mL	4.8908 mL
	10 mM	0.2445 mL	1.2227 mL	2.4454 mL

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

Biological Activity

Shortsummary

CaSR antagonist

IC₅₀ & Target

43 nM (Ca²⁺) 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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