

Galanin (1-29)(rat, mouse) TFA

Cat. No.:	HY-P1132A
Molecular Formula:	C ₁₄₃ H ₂₁₂ F ₃ N ₄₃ O ₄₃
Molecular Weight:	3278.47
Target:	Neuropeptide Y Receptor
Pathway:	GPCR/G Protein; Neuronal Signaling
Storage:	Sealed storage, away from moisture and light, under nitrogen
	Powder -80°C 2 years
	-20°C 1 year
	* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light, under nitrogen)

BIOLOGICAL ACTIVITY

Description

Galanin (1-29)(rat, mouse) TFA is a non-selective galanin receptor agonist, with K_is of 0.98, 1.48 and 1.47 nM for GAL1, GAL2 and GAL3, respectively. Anticonvulsant effect^{[1][2]}.

REFERENCES

[1]. Wang S, et al. Cloning and expressional characterization of a novel galanin receptor. Identification of different pharmacophores within galanin for the three galanin receptor subtypes. J Biol Chem. 1997;272(51):31949-31952.

[2]. Mazarati A, et al. Regulation of kindling epileptogenesis by hippocampal galanin type 1 and type 2 receptors: The effects of subtype-selective agonists and the role of G-protein-mediated signaling. J Pharmacol Exp Ther. 2006;318(2):700-708.

Caution: Product has not been fully validated for medical applications. For research use only.

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