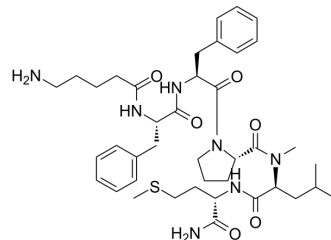


GR-73632

Cat. No.:	HY-P1192
CAS No.:	133156-06-6
Molecular Formula:	C ₄₀ H ₅₉ N ₇ O ₆ S
Molecular Weight:	766
Target:	Neurokinin 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	GR-73632 is a novel tachykinin neurokinin 1 (NK-1) receptor agonist ^[1] . GR-73632 acts directly on the peripheral terminals of primary sensory neurons through NK1 receptor which convey itch signals ^[2] .
IC₅₀ & Target	IC50: NK-1 receptor ^[1]

REFERENCES

[1]. Sakurada C, et al. Spinal actions of GR73632, a novel tachykinin NK1 receptor agonist. *Peptides*. 1999;20(2):301-4.

[2]. Costantini VJ, et al. The NK1 receptor antagonist aprepitant attenuates NK1 agonist-induced scratching behaviour in the gerbil after intra-dermal, topical or oral administration. *Exp Dermatol*. 2015 Apr;24(4):312-4.

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

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