

Product Name	: Scyliorhinin II
Synonyms	:
Cat No.	: M30549
CAS Number	: 112748-19-3
Molecular Formula	: C77H119N21O26S3
Formula Weight	: 1851.1
Chemical Name	:
Description	: Scyliorhinin II, a cyclic Tachykinin peptide, is a potent NK3 receptor agonist. (In Vitro): Scyliorhinin II is a neurokinin-3 selective tachykinin receptor, with a K_i of 2.5 nM for neurokinin-3 (NK-3) receptor in rat cerebral cortex. Scyliorhinin II has little effect on NK-1 and NK-2 receptors, with K_i (NK-1 receptor)/ K_i (NK-3 receptor) and K_i (NK-2 receptor)/ K_i (NK-3 receptor) of 176 and 200. (In Vivo): Scyliorhinin II produces potent, dose-related reciprocal hindlimb scratching about equipotently with an ED50 of 0.08 nmol via intracerebroventricularly (i.c.v.) administration in mice.
Pathway	: GPCR/G Protein
Target	: Neurokinin Receptor
Receptor	: K_i : 2.5 nM (Neurokinin-3 receptor)
Solubility	: —
SMILES	: —
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

Buck SH, et al. The dogfish peptides scyliorhinin I and scyliorhinin II bind with differential selectivity to mammalian tachykinin receptors. Eur J Pharmacol. 1987 Nov 24;144(1):109-11.