

$\alpha$ -CGRP (mouse, rat) TFA

## Chemical Properties

CAS No. :

Formula: C162H262N50O52S2.C2HF3O2

Molecular Weight:

Keep away from moisture

Storage:

Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

## Biological Description

Description	$\alpha$ -CGRP (mouse, rat) TFA, a neuropeptide belonging to the calcitonin gene-related peptide (CGRP) family, is predominantly located at neuromuscular junctions and functions as a potent vasodilator. Peripheral administration of $\alpha$ -CGRP (mouse, rat) TFA may result in decreased blood pressure and elevated heart rate, in addition to the relaxation of colonic smooth muscle. This compound shows promising utility in the investigation of cardiovascular, pro-inflammatory, migraine, and metabolic conditions [1] [2] [3].
Targets(IC50)	CGRP Receptor
In vivo	$\alpha$ -CGRP (mouse, rat) TFA, administered in a bolus injection above the aorta in volumes of less than 0.1 mL, increases heart rate in a dose-dependent manner [1].

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Tel:781-999-4286

E\_mail:info@targetmol.com

Address:34 Washington Street,Wellesley Hills,MA 02481