

PEN (rat) (TFA)

Chemical Properties

CAS No. :

Formula: C104H170F3N27O35.xC2HF3O2

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	PEN (rat) TFA, a predominant hypothalamic neuropeptide originating from the proprotein ProSAAS, serves as an endogenous ligand for GPR83 [1].
Targets(IC50)	GPCR19
In vitro	Mouse PEN (mPEN) and rat PEN (rPEN) differ by a single N-terminal residue, while human PEN (hPEN) has a PEG sequence substitution for PEN [2]. PEN activates a G-protein coupled receptor (GPCR) in the brain [2].

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