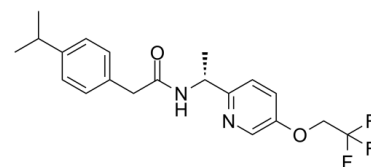


Data Sheet

Product Name:	MK-8998
Cat. No.:	CS-6198
CAS No.:	953778-58-0
Molecular Formula:	C ₂₀ H ₂₃ F ₃ N ₂ O ₂
Molecular Weight:	380.40
Target:	Calcium Channel
Pathway:	Membrane Transporter/Ion Channel; Neuronal Signaling
Solubility:	DMSO : ≥ 100 mg/mL (262.88 mM); H ₂ O : < 0.1 mg/mL (insoluble)



BIOLOGICAL ACTIVITY:

MK-8998 (compound 33) is a potent and selective inhibitor of the T-type **calcium channel**. IC₅₀ & Target: T-type calcium channel^[1].

References:

[1]. Reger TS, et al. Pyridyl amides as potent inhibitors of T-type calcium channels. Bioorg Med Chem Lett. 2011 Mar 15;21(6):1692-6.

CAIndexNames:

Benzeneacetamide, 4-(1-methylethyl)-N-[(1R)-1-[5-(2,2,2-trifluoroethoxy)-2-pyridinyl]ethyl]-

SMILES:

O=C(N[C@@H](C1=NC=C(OCC(F)(F)F)C=C1)CC2=CC=C(C(C)C)C=C2

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

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