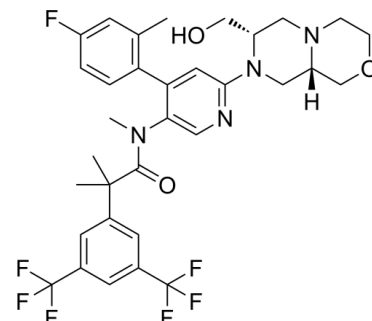


Data Sheet

Product Name:	Elinzanetant
Cat. No.:	CS-0116361
CAS No.:	929046-33-3
Molecular Formula:	C ₃₃ H ₃₅ F ₇ N ₄ O ₃
Molecular Weight:	668.64
Target:	Neurokinin Receptor
Pathway:	GPCR/G Protein; Neuronal Signaling
Solubility:	DMSO : 100 mg/mL (ultrasonic)



BIOLOGICAL ACTIVITY:

Elinzanetant (NT-814) is an orally active, selective **NK-1,3** receptor antagonist. Elinzanetant can reduce the levels of estradiol and progesterone, and is used in the study of vascular motor symptoms and sleep disorders related to menopause in women^{[1][2][3]}.

References:

- [1]. Alvaro, Giuseppe; Andreotti, Daniele; Belvedere, Sandro; Di Fabio, Romano; Falchi, Alessandro; Giovannini, Riccardo. Pyridine derivatives as NK receptor inhibitors and their preparation, pharmaceutical compositions, and use in the treatment of psychotic disorders. CN101305011B
- [2]. Simon JA, et al. Efficacy and safety of elinzanetant, a selective neurokinin-1,3 receptor antagonist for vasomotor symptoms: a dose-finding clinical trial (SWITCH-1). Menopause. 2023 Mar 1;30(3):239-246.
- [3]. Steve Pawsey, et al. Elinzanetant (NT-814), a Neurokinin 1,3 Receptor Antagonist, Reduces Estradiol and Progesterone in Healthy Women. J Clin Endocrinol Metab. 2021 Jul 13;106(8):e3221-e3234.

CAIndexNames:

Benzeneacetamide, N-[4-(4-fluoro-2-methylphenyl)-6-[(7S,9aS)-hexahydro-7-(hydroxymethyl)pyrazino[2,1-c][1,4]oxazin-8(1H)-yl]-3-pyridinyl]-N,α,α-trimethyl-3,5-bis(trifluoromethyl)-

SMILES:

CC(C)(C1=CC(C(F)(F)F)=CC(C(F)(F)F)=C1)C(N(C2=CN=C(N3[C@@H](CN4[C@@](COCC4)([H])C3)CO)C=C2C5=C(C=C(C=C5)F)C)C)=O

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

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