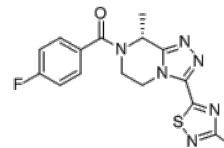


Product Name : Fezolinetant
Cat. No. : PC-70195
CAS No. : 1629229-37-3
Molecular Formula : C₁₆H₁₅FN₆OS
Molecular Weight : 358.3954
Target : Neurokinin Receptor
Solubility : 10 mM in DMSO



Biological Activity

Fezolinetant (ESN-364) is a potent, selective, orally active **neurokinin-3 receptor (NK3R)** antagonist with pIC₅₀/pK_i of 7.7/7.6.

Fezolinetant (ESN-364) exhibits high activity in LH inhibition, shows >2.5-log selectivity against NK1R and NK2R subtypes, proves >300-fold selective against related HPG axis receptors (KOR, GnRH, GnIH-R, GPR54).

References

Hoveyda HR, et al. *ACS Med Chem Lett.* 2015 May 19;6(7):736-40.

Fraser GL, et al. *Endocrinology.* 2015 Nov;156(11):4214-25.

Fraser GL, et al. *J Clin Endocrinol Metab.* 2016 Feb;101(2):417-26.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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