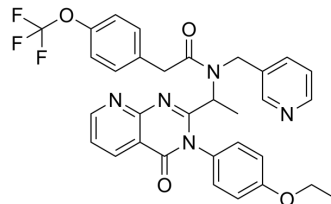


## (±)-AMG 487

Cat. No.:	HY-15319A
CAS No.:	947536-03-0
Molecular Formula:	C <sub>32</sub> H <sub>28</sub> F <sub>3</sub> N <sub>5</sub> O <sub>4</sub>
Molecular Weight:	603.59
Target:	CXCR
Pathway:	GPCR/G Protein; Immunology/Inflammation
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

(±)-AMG 487 is a racemate of AMG 487. AMG 487 is an orally active and selective antagonist of CXCR3 chemokine receptor 3 (CXCR3) which inhibits the binding of CXCL10 and CXCL11 to CXCR3 with IC<sub>50</sub>s of 8.0 and 8.2 nM, respectively<sup>[1]</sup>.

### REFERENCES

[1]. Johnson M, et al. Discovery and optimization of a series of quinazolinone-derived antagonists of CXCR3. *Bioorg Med Chem Lett*. 2007 Jun 15;17(12):3339-43.

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

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