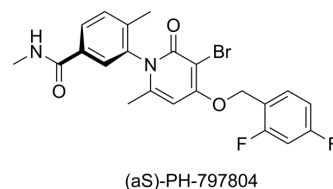


(aS)-PH-797804

Cat. No.:	HY-10403A
CAS No.:	1358027-80-1
Molecular Formula:	C ₂₂ H ₁₉ BrF ₂ N ₂ O ₃
Molecular Weight:	477.3
Target:	p38 MAPK
Pathway:	MAPK/ERK Pathway
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	(aS)-PH-797804 is a selective p38 MAPK inhibitor with IC ₅₀ values for p38 α /β of 26 nM and 102 nM, respectively. (aS)-PH-797804 has anti-inflammatory activity ^{[1][2]} .	
IC ₅₀ & Target	p38α 26 nM (IC ₅₀)	p38β 102 nM (IC ₅₀)

CUSTOMER VALIDATION

- Sci Transl Med. 2018 Jul 18;10(450):eaaq1093.
- Cell Death Dis. 2021 Oct 23;12(11):994.
- Cell Death Dis. 2018 Apr 27;9(5):500.
- Osteoarthritis Cartilage. 2022 May 2;S1063-4584(22)00718-X.
- bioRxiv. 2023 Feb 8.

See more customer validations on www.MedChemExpress.com

REFERENCES

- [1]. Hope HR, et al. Anti-inflammatory properties of a novel N-phenyl pyridinone inhibitor of p38 mitogen-activated protein kinase: preclinical-to-clinical translation. *J Pharmacol Exp Ther.* 2009 Dec;331(3):882-95.
- [2]. Selness SR, et al. Discovery of PH-797804, a highly selective and potent inhibitor of p38 MAP kinase. *Bioorg Med Chem Lett.* 2011 Jul 1;21(13):4066-71.

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

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