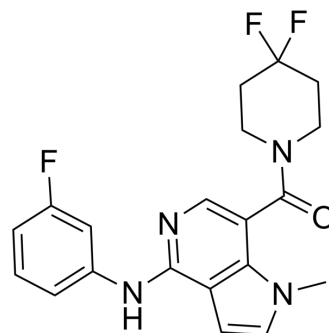


CB2 PET Radioligand 1

Cat. No.:	HY-155741
Molecular Formula:	C ₂₀ H ₁₉ F ₃ N ₄ O
Molecular Weight:	388.39
Target:	Cannabinoid Receptor
Pathway:	GPCR/G Protein; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	CB2 PET Radioligand 1 (compound [18F]9) is a PET Radioligand targeting to hCB2 (Ki=7.7 nM). CB2 PET Radioligand 1 is prepared with Cu-mediated 18F-fluorination. CB2 PET Radioligand 1 shows high brain uptake in a murine model of neuroinflammation ^[1] .
IC₅₀ & Target	Ki: 7.7 nM (human CB2) ^[1]
In Vivo	CB2 PET Radioligand 1 (compound [18F]9) MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Kallinen A, et al. Synthesis and Preclinical Evaluation of Fluorinated 5-Azaindoles as CB2 PET Radioligands. ACS Chem Neurosci. 2023 Aug 16;14(16):2902-2921.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA