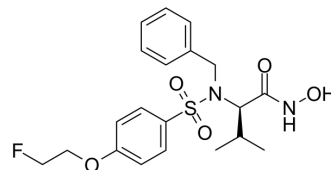


BR351

Cat. No.:	HY-114396
CAS No.:	960113-85-3
Molecular Formula:	C ₂₀ H ₂₅ FN ₂ O ₅ S
Molecular Weight:	424.49
Target:	MMP
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	BR351 is a brain penetrant MMP inhibitor with IC ₅₀ s of 4, 2, 11, 50 nM for MMP2, MMP8, MMP9 and MMP13, respectively ^[1] .			
IC₅₀ & Target	MMP-9 11 nM (IC ₅₀)	MMP-2 4 nM (IC ₅₀)	MMP-8 2 nM (IC ₅₀)	MMP13 50 nM (IC ₅₀)

REFERENCES

[1]. Wagner S, et al. Novel fluorinated derivatives of the broad-spectrum MMP inhibitors N-hydroxy-2(R)-[[[(4-methoxyphenyl)sulfonyl](benzyl)- and (3-picolyl)-amino]-3-methyl-butanamide as potential tools for the molecular imaging of activated MMPs with PET. J Med Chem. 2007 Nov 15;50(23):5752-64.

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

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