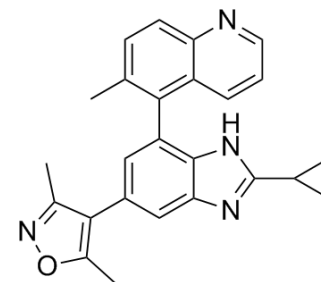


GS-626510

Cat. No.:	HY-114416
CAS No.:	1637770-13-8
Molecular Formula:	C ₂₅ H ₂₂ N ₄ O
Molecular Weight:	394.47
Target:	Epigenetic Reader Domain
Pathway:	Epigenetics
Storage:	Please store the product under the recommended conditions in the COA.



BIOLOGICAL ACTIVITY

Description	GS-626510 is a potent, and orally bioavailable BET family bromodomains inhibitor, with K _d values of 0.59-3.2 nM for BRD2/3/4, with IC ₅₀ values of 83 nM and 78 nM for BD1 and BD2, respectively ^[1] .			
IC ₅₀ & Target	BRD2 0.59-2.5 nM (K _d)	BRD3 0.65-0.66 nM (K _d)	BRD4 1.3-3.2 nM (K _d)	BD1 83 nM (IC ₅₀)
	BD2 78 nM (IC ₅₀)			

REFERENCES

[1]. Sperandio D, et al. Structure-guided discovery of a novel, potent, and orally bioavailable 3,5-dimethylisoxazole aryl-benzimidazole BET bromodomain inhibitor. *Bioorg Med Chem.* 2019 Feb 1;27(3):457-469.

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