

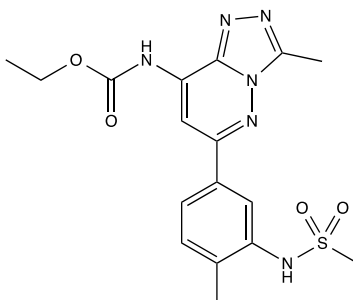
Catalog # 10-4030

Bromosporine

CAS# 1619994-69-2

Ethyl N-[(6-(3-Methanesulfonamido-4-methylphenyl)-3-methyl-1,2,4-triazolo[4,3-b]pyridazin-8-yl)]carbamate

Lot # FBS2085



Bromosporine is a potent pan-Bromodomain (BRD) inhibitor.¹ Bromosporine was able to reactivate HIV-1 replication in different latency models.²

- 1) Picaud *et al.* (2016), *Promiscuous targeting of bromodomains by bromosporine identifies BET proteins as master regulators of primary transcription response in leukemia*; *Sci.Adv.* **2** e1600760
- 2) Pan *et al.* (2017), *The bromodomain and extraterminal domain inhibitor bromosporine synergistically reactivates latent HIV-1 in latently infected cells*; *Oncotarget* **8** 94104

PHYSICAL DATA

Molecular Weight:	404.44
Molecular Formula:	C ₁₇ H ₂₀ N ₆ O ₄ S
Purity:	>98% by HPLC
	NMR: (Conforms)
Solubility:	DMSO (25 mg/ml)
Physical Description:	Off-white solid
Storage and Stability:	Store as supplied at -20°C for up to 1 year from the date of purchase. Solutions in DMSO may be stored at -20°C for up to 3 months.

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