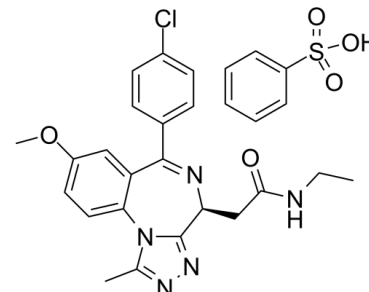


Data Sheet

Product Name:	Molibresib (besylate)
Cat. No.:	CS-0094036
CAS No.:	1895049-20-3
Molecular Formula:	C ₂₈ H ₂₈ ClN ₅ O ₅ S
Molecular Weight:	582.07
Target:	Epigenetic Reader Domain
Pathway:	Epigenetics
Solubility:	DMSO : 25 mg/mL (42.95 mM; Need ultrasonic)



BIOLOGICAL ACTIVITY:

Molibresib besylate (GSK 525762C; I-BET 762 besylate) is a **BET bromodomain** inhibitor with **IC₅₀** of 32.5-42.5 nM. **IC₅₀ & Target:** IC₅₀: 32.5-42.5 nM (BET)^[1]

References:

[1]. Nicodeme E, et al. Suppression of inflammation by a synthetic histone mimic. Nature. 2010 Dec 23;468(7327):1119-23.

CAIndexNames:

4H-[1,2,4]Triazolo[4,3-a][1,4]benzodiazepine-4-acetamide, 6-(4-chlorophenyl)-N-ethyl-8-methoxy-1-methyl-, (4S)-, benzenesulfonate (1:1)

SMILES:

C1C=CC=C(C2=N[C@@H](CC(NCC)=O)C3=NN=C(C)N3C4=CC=C(OC)C=C24)C=C1.O=S(C5=CC=CC=C5)(O)=O

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

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