

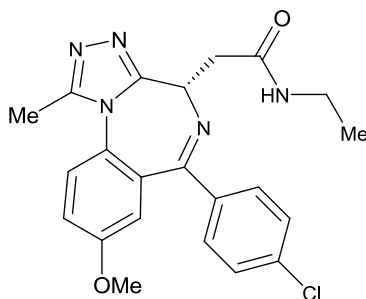


Northeast Business Center

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Certificate of Analysis



Product Name:	I-BET762
Synonym:	GSK525762
IUPAC Name:	(4S)-6-(4-Chlorophenyl)-N-ethyl-8-methoxy-1-methyl-4H-[1,2,4]triazolo[4,3-a][1,4]benzodiazepine-4-acetamide
CAS No:	1260907-17-2
Prod. No:	CT-BET762
Lot No:	01
Batch Empirical Formula Batch Empirical. Wt.	$C_{22}H_{22}ClN_5O_2 \cdot 0.2H_2O$ 427.5
Solubility	Soluble in DMSO (42.8mg/ml, 100mM)
Storage	Store at 0 °C (short term), -20 °C (long term), desiccated

Appearance	Off-white powder
Quality Control	MS: [✓] 1H NMR: [✓] HPLC: [✓] Chiral HPLC: [✓] Quantitative Elemental Analysis [✓]: $C_{22}H_{22}ClN_5O_2 \cdot 0.2H_2O$ Calculated: C: 61.81% H: 5.28% N: 16.38% Found: C: 61.52% H: 5.33% N: 16.28%
Chemical Purity	≥99.5% (HPLC at 214 and 254 nm)
Optical Purity (ee)	100% (Chiral HPLC)