

Datasheet for ABIN7233261

I-BET762[Go to Product page](#)

1 Image

Overview

Quantity: 5 mg

Application: Inhibition (Inh)

Product Details

Purpose: BET Bromodomain inhibitor, Suppresses Myc transcription

Characteristics: I-BET762 is a potent inhibitor of the BET family of bromodomains with no activity at bromodomains BAZ2B, SP140, ATAD2, CREBBP, and PCAF. IC50's for H4Ac peptide displacement: BRD2 = 32.5nM, BRD3 = 42.4nM, BRD4 = 36.1nM. It was able to suppress proinflammatory proteins by macrophage, block acute inflammation in mice, and suppressed the inflammatory function of T cells. Inhibition of BET bromodomains results in downregulation of Myc transcription, an important oncogene.

Purity: >98 %

Chemical Name: (4S)-6-(4-Chlorophenyl)-N-ethyl-8-methoxy-1-methyl-4H-[1,2,4]triazolo[4,3-a][1,4]benzodiazepine-4-acetamide

Formula: C22H22ClN5O2

Solubility: Soluble in DMSO (up to at least 25 mg/ml) or in Ethanol (up to at least 25 mg/ml)

Target Details

Background: GSK525762, Epigenetics, Bromodomain, Immunology, Inflammation, Cancer, Posttranslational modification, Chromatin

Molecular Weight: 423.90

CAS-No: 1260907-17-2

Application Details

Restrictions: For Research Use only

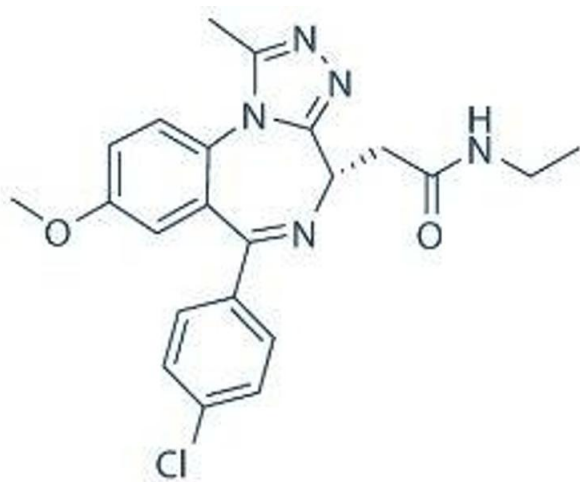
Handling

Format: Powder

Precaution of Use: GHS – Classification
Not a hazardous substance or mixture

Storage: -20 °C

Images



Molecule

Image 1. /