


Product datasheet

I-BET151, pan-BET family inhibitor ab230362

Overview

Product name	I-BET151, pan-BET family inhibitor
Description	An isoxazole class pan-BET family inhibitor.
Biological description	I-BET151 is an isoxazole class pan-BET family inhibitor, blocking BRD2, BRD3 and BRD4 with IC ₅₀ values of 0.5, 0.25 and 0.79 μM, respectively. Specifically, I-BET151 induces apoptosis via reduced expression of BCL2 or triggers G ₀ /G ₁ cell cycle arrest in MLL-fusion cell lines.
Purity	> 98%
CAS Number	1300031-49-5
Chemical structure	

Properties

Chemical name	7-(3,5-Dimethyl-1,2-oxazol-4-yl)-8-methoxy-1-[(1 <i>R</i>)-1-pyridin-2-ylethyl]-3 <i>H</i> -imidazo[4,5- <i>c</i>]quinolin-2-one
Molecular weight	415.50
Molecular formula	C ₂₃ H ₂₁ N ₅ O ₃
PubChem identifier	52912189
Storage instructions	Shipped at 4°C. Store at -20°C.
Handling	Toxic, refer to SDS for further information. Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.
SMILES	CC(ON=C1C)=C1C2=CC(N=CC(N3)=C4N([C@H](C)C5=CC=CC=N5)C3=O)=C4C=C2OC
Source	Synthetic

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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