Web: www.taiclone.com
Tel: +886-2-2735-9682
Email: order@taiclone.com

GSK 525768A

Catalog No: tcsc1255

Available Sizes

Size: 5mg

Size: 10mg

Size: 50mg

Size: 100mg

Specifications

CAS No:
1260530-25-3

Formula:
$C_{22}H_{22}ClN_5O_2$

Pathway:
Others

Target:
Others

Purity / Grade:
>98%

Solubility:
10 mM in DMSO

Observed Molecular Weight:
423.9

Product Description

GSK 525768A is the inactive enantiomer of GSK525762A. GSK 525768A has no activity towards BET.

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In Vitro: GSK 525768A has no activity towards BET[1]. GSK 525768A (GSK525768A) is the (R)-enantiomer of GSK525762A. GSK525762A is shown to regulate levels of the high-density lipid protein apolipoprotein A1 (APOA1) in assays monitoring APOA1 release in liver cells, whereas the (R)-enantiomer (GSK 525768A) has no effect. GSK 525768A directly engages the protein module by forming hydrogen bonds with the conserved asparagine residue in a way that mimics the binding mode of acetylated lysine; this usually results in the binding of the inhibitor deeper within the acetylated lysine binding site but without displacing the conserved water molecules that are present at the bottom of the acetyl-lysine binding cavity[2].