

Product Data Sheet

Product Name: GS-626510

Cat. No.: GC33204

Chemical Properties

Cas. No. 1637770-13-8

SMILES CC1=C(C2=CC(C3=C4C=CC=NC4=CC=C3C)=C5NC(C6CC6)=NC5=C2)C(C)=NO1

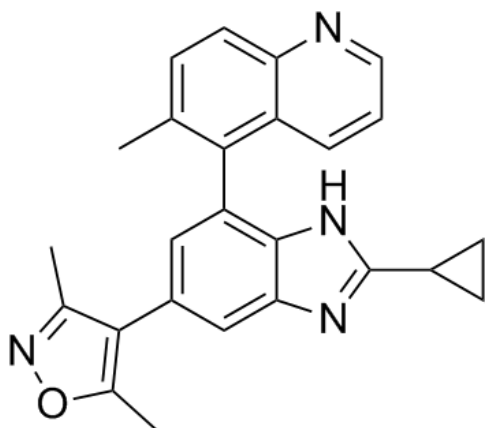
Formula $C_{25}H_{22}N_4O$ M.Wt 394.47

Solubility Soluble in DMSO Storage Store at -20°C

General tips For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT, or blue ice upon request.

Structure



Background

GS-626510 is a potent, and orally bioavailable BET family bromodomains inhibitor, with K_d values of 0.59-3.2 nM for BRD2/3/4, with IC₅₀ values of 83 nM and 78 nM for BD1 and BD2, respectively[1].

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

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[1]. Sperandio D, et al. Structure-guided discovery of a novel, potent, and orally bioavailable 3,5-dimethylisoxazole aryl-benzimidazole BET bromodomain inhibitor. *Bioorg Med Chem*. 2019 Feb 1;27(3):457-469.

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