

Product Name : GNE-371

Synonyms : GNE371; GNE 371

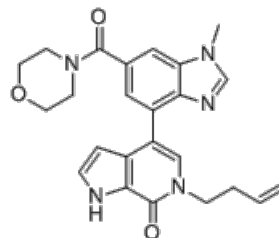
Cat No. : M13017

CAS Number : 1926986-36-8

Molecular Formula : C₂₄H₂₅N₅O₃

Formula Weight : 431.50

Chemical Name : 6-But-3-enyl-4-[1-methyl-6-(morpholine-4-carbonyl)-benzimidazol-4-yl]-1H-pyrrolo[2,3-c]pyridin-7-one



Description : GNE-371 (GNE371) is a highly potent and selective chemical probe for the second bromodomain of TAF1 (TAF1(2)) with IC₅₀/K_d of 10/1 nM, without significant activity against other bromodomain-family members; GNE-371 (GNE371) is also active in a cellular-TAF1(2) target-engagement assay (IC₅₀=38 nM) and exhibits antiproliferative synergy with the BET inhibitor JQ1, suggesting engagement of endogenous TAF1 by GNE-371.

Pathway : Chromatin/Epigenetic

Target : Bromodomain

Receptor : Bromodomain

Solubility : —

SMILES : O=C1C(NC=C2)=C2C(C3=C4N=CN(C)C4=CC(C(N5CCOCC5)=O)=C3)=CN1CCC=C

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Wang S, et al. J Med Chem. 2018 Oct 25;61(20):9301-9315.