

Product Name	: EN4 MYC inhibitor
Synonyms	: EN4
Cat No.	: M23368
CAS Number	: 1197824-15-9
Molecular Formula	: C ₂₅ H ₂₄ N ₂ O ₄
Formula Weight	: 416.5
Chemical Name	: —
Description	: EN4 MYC inhibitor is a covalent ligand that targets cysteine 171 (C171) of MYC. It is selective for c-MYC over N-MYC and L-MYC, and inhibits MYC transcriptional activity, downregulates MYC targets, and impairs tumorigenesis.
Pathway	: Cell Cycle/DNA Damage
Target	: c-Myc
Receptor	: MYC
Solubility	: DMSO:250 mg/mL (600.28 mM; Need ultrasonic)
SMILES	: <chem>CCOC1=CC=C(C=C1)OC2=CC=CC=C2NC(=O)C3=CC=C(C=C3)CNC(=O)C=C</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Lydia Boike, et al. Discovery of a Functional Covalent Ligand Targeting an Intrinsically Disordered Cysteine within MYC. Cell Chem Biol. 2021 Jan 21;28(1):4-13.e17.