
UNBS-5162

产品编号: D50990

CAS: 956590-23-1

分子式: C₁₇H₁₈N₄O₃

纯度: ≥98%

InChi: InChI=1S/C₁₇H₁₈N₄O₃/c1-20(2)6-7-21-15(22)12-5-3-4-10-8-11(19-17(18)24)9-13(14(10)12)16(21)23/h3-5,8-9H,6-7H₂,1-2H₃, (H₃,18,19,24)

InChi Key: WCKZRLOUKYFJDY-UHFFFAOYSA-N

Smiles: CN(C)CCN1C(=O)C2=CC=CC3C=C(C=C(C=32)C1=O)NC(N)=O

外观: 固体粉末

作用通路: Autophagy

溶解性: DMSO: 21.5 mg/mL

保存条件: Store in dry, dark place for one year.

产品介绍: UNBS5162 is a novel naphthalimide that binds to DNA by intercalation and suppresses CXCL chemokine elaboration. In vivo UNBS5162 after repeat administration significantly increased survival in orthotopic human prostate cancer models. Results obtained by the National Cancer Institute (NCI) using UNBS3157 and UNBS5162 against the NCI 60 cell line panel did not show a correlation with any other compound present in the NCI database, including amonafide, thereby suggesting a unique mechanism of action for these two novel naphthalimides.