
Product Data Sheet

Product Name: BPK-29
Cat. No.: GC34502

Chemical Properties

Cas. No. 2143467-62-1

SMILES O=C(N(C1CCN(C(C2=CC=C(N3CCOCC3)C=C2)=O)CCC1)CC4=CC=CC=C4)CCI

Formula $C_{26}H_{32}ClN_3O_3$ M.Wt 470

Solubility Soluble in DMSO Storage Store at $-20^{\circ}C$

General tips For obtaining a higher solubility, please warm the tube at $37^{\circ}C$ and shake it in the ultrasonic bath for a while. Stock solution can be stored below $-20^{\circ}C$ 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

BPK-29 is a covalent small molecule that disrupts NROB1 complexes and impairs the anchorage-independent growth of KEAP1-mutant cancer cells[1].

BPK-29 substantially engages NROB1 with good overall proteomic selectivity in KEAP1-mutant Non-Small Cell Lung Cancers[1].

[1]. Woodruff TM, et al. The complement factor C5a contributes to pathology in a rat model of amyotrophic lateral sclerosis. J Immunol. 2008 Dec 15;181(12):8727-34.

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

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