

NEO-811

Chemical Properties

CAS No. :	3084635-77-5
Formula:	C30H30FN5O4
Molecular Weight:	543.59
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>

Biological Description

Description	NEO-811 is a potent, selective, and cereblon (CRBN)-dependent E3 ubiquitin ligase-mediated proteolytic inhibitor that targets ARNT (HIF-1 β). NEO-811 blocks the ccRCC signaling pathway by degrading ARNT, thereby inhibiting the survival and proliferation of tumor cells. NEO-811 is suitable for use in studies of clear cell renal cell carcinoma (ccRCC).
Targets(IC50)	Ligands for E3 Ligase
In vivo	In clear cell renal cell carcinoma (ccRCC) xenograft models (containing the HIF-2 α G323E resistance mutation) and patient-derived xenograft (PDX) models, in vivo administration of NEO-811 as a single agent induced regression of ccRCC tumors and remained effective in G323E mutant models resistant to HIF-2 α antagonists; In PDX models, its antitumor activity was superior to that of clinically available HIF-2 antagonists and VEGFR tyrosine kinase inhibitors. [1]

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8396 mL	9.1981 mL	18.3962 mL
5 mM	0.3679 mL	1.8396 mL	3.6792 mL
10 mM	0.184 mL	0.9198 mL	1.8396 mL
50 mM	0.0368 mL	0.184 mL	0.3679 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Griffin J, et al. Development of NEO-811, glue degrader of ARNT (HIF-1 β) single agent activity in clear cell renal cell carcinoma (ccRCC). Oral presentation presented at: American Association for Cancer Research (AACR) Annual Meeting 2026; April 19, 2026. Session DDT01 (ND01).

Jennifer Griffin, et al. Abstract 6734: Discovery and optimization of NEO-811, a first-in-class molecular glue degrader of ARNT, utilizing structure-based drug design. Cancer Res (2026) 86 (7_Supplement): 6734.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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