



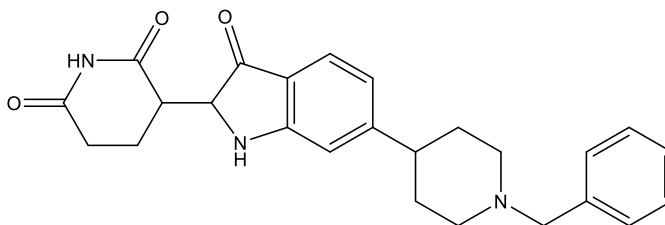
Catalog #10-3468

NVP-DKY709

CAS# 2291360-73-9

3-[1,3-Dihydro-1-oxo-5-[1-(phenylmethyl)-4-piperidiny]-2H-isoindol-2-yl]-2,6-piperidinedione

Lot # E108290



NVP-DKY709 is a selective molecular glue degrader of IKZF2, selective over IKZF1/3.¹ IKZF2 is a transcription factor that plays a crucial role in maintaining function and stability of Treg cells. Down-regulation of IKZF2 reduces cancer cell growth.² Treatment with NVP-DKY709 reduced the suppressive activity of human Treg cells and rescued cytokine production in exhausted T-effector cells.¹ **Caution: May be teratogenic. Pregnant women should avoid all contact with this substance.**

- 1) Bonazzi *et al.* (2023) *Discovery and characterization of a selective IKZF2 glue degrader for cancer immunotherapy*; Cell Chem. Biol. **30** 235
- 2) Park *et al.* (2019) *IKZF2 Drives Leukemia Stem Cell Self-Renewal and Inhibits Myeloid Differentiation*; Cell Stem Cell **24** 153

PHYSICAL DATA

Molecular Weight:	417.56
Molecular Formula:	C ₂₅ H ₂₇ N ₃ O ₃
Purity:	>98% (HPLC)
	NMR: (Conforms)
Solubility:	DMSO (10 mg/ml)
Physical Description:	White solid
Storage and Stability:	Store as supplied at -20°C for up to 1 year from the date of purchase. Solutions in DMSO may be stored at -20°C for up to 3 months.

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