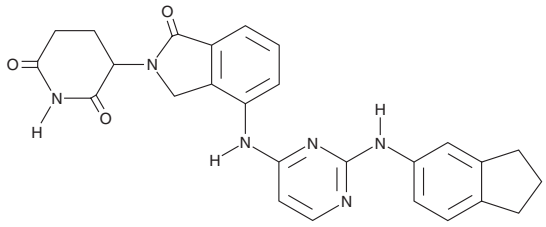
PRODUCT INFORMATION

ZXH-1-161

Item No. 44280

CAS Registry No.:	2407654-51-5
Formal Name:	3-[4-[[2-[(2,3-dihydro-1H-inden-5-yl)amino]-4-pyrimidinyl]amino]-1,3-dihydro-1-oxo-2H-isoindol-2-yl]-2,6-piperidinedione
MF:	$C_{26}H_{24}N_6O_3$
FW:	468.5
Purity:	≥90%
Supplied as:	A solid
Storage:	-20°C
Stability:	≥4 years



Information represents the product specifications. Batch specific analytical results are provided on each certificate of analysis.

Laboratory Procedures

ZXH-1-161 is supplied as a solid. A stock solution may be made by dissolving the ZXH-1-161 in the solvent of choice, which should be purged with an inert gas. ZXH-1-161 is soluble (≥10 mg/ml) in DMSO.

Description

ZXH-1-161 is a molecular glue degrader of G_1 to S phase transition protein 1 homolog (GSPT1).[1] It promotes the interaction between the E3 ubiquitin ligase cereblon (CRBN) and GSPT1, inducing the degradation of GSPT1. ZXH-1-161 is selective for the degradation of GSPT1 over Ikaros family zinc finger protein 1 (IKZF1), IKZF3, and casein kinase 1α (CK1α) at 1 µM. It inhibits the proliferation of wild-type CRBN-expressing MM.1S multiple myeloma cells but not CRBN-deficient MM.1S cells (IC_{50}s = 0.039 and 27.9 µM, respectively).

Reference

1. Powell, C.E., Du, G., Che, J., et al. Selective degradation of GSPT1 by cereblon modulators identified via a focused combinatorial library. *ACS Chem. Biol.* **15(10)**, 2722-2730 (2020).

WARNING
THIS PRODUCT IS FOR RESEARCH ONLY - NOT FOR HUMAN OR VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

SAFETY DATA
This material should be considered hazardous until further information becomes available. Do not ingest, inhale, get in eyes, on skin, or on clothing. Wash thoroughly after handling. Before use, the user must review the complete Safety Data Sheet, which has been sent *via* email to your institution.

WARRANTY AND LIMITATION OF REMEDY
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