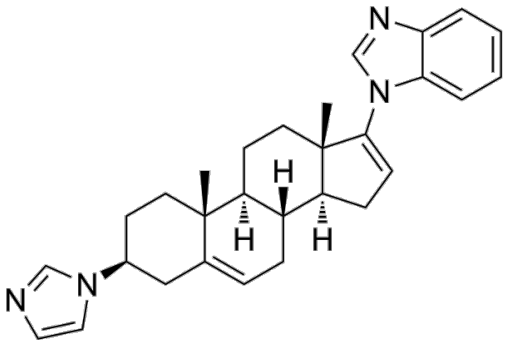
Product Data Sheet

Product Name: VNPP433-3β
Cat. No.: GC73896

Chemical Properties

Cas. No.	1630820-51-7		
Formula	$C_{29}H_{34}N_4$	M.Wt	438.61
Solubility	DMSO : 10 mg/mL (22.80 mM; ultrasonic and warming and heat to 60°C)	Storage	4°C, protect from light, stored under nitrogen
General tips	For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while.Stock solution can be stored below -20°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

VNPP433-3β is a molecular glue degrader, which degrades androgen receptor (AR) and its splice variants (AR-Vs) and MAP kinase-interacting serine/threonine protein kinase Mnk1/2. VNPP433-3β inhibits proliferation of cancer cell LNCaP, C4-2B and CWR22Rv1 with GI50 of 0.2, 0.3 and 0.31 μM. VNPP433-3β exhibits good pharmacokinetic characters in CD-1 mouse and inhibits tumor growth in the CWR22Rv1 xenograft mouse model.

Caution: Product has not been fully validated for medical applications. For research use only.
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Address: 10292 Central Ave. #205, Montclair, CA, USA

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References:

[1]. Thankan RS, et al., Salinization Dramatically Enhance the Anti-Prostate Cancer Efficacies of AR/AR-V7 and Mnk1/2 Molecular Glue Degraders, Galeterone and VNPP433-3β Which Outperform Docetaxel and Enzalutamide in CRPC CWR22Rv1 Xenograft Mouse Model. Bioorg Chem. 2023 Oct;139:106700.

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