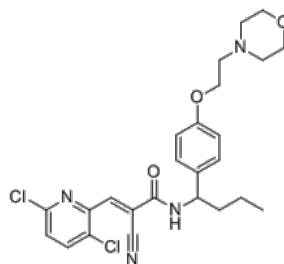


Product Name	: EOAI3402143
Synonyms	: Deubiquitinase inhibitor G9; EOAI 3402143
Cat No.	: M12594
CAS Number	: 1699750-95-2
Molecular Formula	: C ₂₅ H ₂₈ Cl ₂ N ₄ O ₃
Formula Weight	: 503.42
Chemical Name	: (E)-2-cyano-3-(3,6-dichloropyridin-2-yl)-N-(1-(4-(2-morpholinoethoxy)phenyl)butyl)acrylamide
Description	: EOAI3402143 (Deubiquitinase inhibitor G9, EOAI 3402143) is a novel covalent deubiquitinase Usp9x/Usp24 inhibitor with increased aqueous solubility and greater cellular Usp9x inhibitory activity than WP1130; displays nM apoptotic activity against other myeloma cell lines and diffuse large B-cell lymphomas cells; increases tumor cell apoptosis, and fully blocks or regresses myeloma tumors in mice; also inhibits Usp5.
Pathway	: Proteasome/Ubiquitin
Target	: DUB
Receptor	: DUB
Solubility	: DMSO : 50 mg/mL 99.32 mM; H ₂ O : < 0.1 mg/mL
SMILES	: <chem>CCCC(C1=CC=C(C(=C1)OCCN2CCOCC2)NC(=O)C(=CC3=C(C=CC(=N3)Cl)Cl)C#N</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:



1. Peterson LF, et al. Blood. 2015 Jun 4;125(23):3588-97. | 2. Potu H, et al. Oncotarget. 2014 Jul 30;5(14):5559-69.