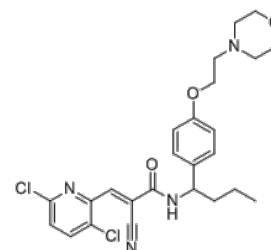


**Product Name** : EOAI3402143  
**Cat. No.** : PC-61303  
**CAS No.** : 1699750-95-2  
**Molecular Formula** : C<sub>25</sub>H<sub>28</sub>Cl<sub>2</sub>N<sub>4</sub>O<sub>3</sub>  
**Molecular Weight** : 503.424  
**Target** : Deubiquitinase (DUB)  
**Solubility** : 10 mM in DMSO



## Biological Activity

EOAI3402143 (Deubiquitinase inhibitor G9, EOAI 3402143) is a novel covalent deubiquitinase **Usp9x/Usp24** inhibitor (IC<sub>50</sub>=1.6 μM).

EOAI3402143 shows increased aqueous solubility and greater cellular Usp9x inhibitory activity than WP1130.

EOAI3402143 displays nM apoptotic activity against other myeloma cell lines and diffuse large B-cell lymphomas cells.

EOAI3402143 increases tumor cell apoptosis, and fully blocks or regresses myeloma tumors in mice; also inhibits Usp5.

## References

Peterson LF, et al. *Blood*. 2015 Jun 4;125(23):3588-97.

Potu H, et al. *Oncotarget*. 2014 Jul 30;5(14):5559-69.

**Caution: Product has not been fully validated for medical applications. Lab Use Only!**

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