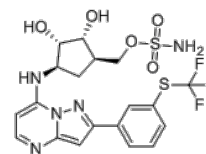


Product Name : TAK-243
Cat. No. : PC-60178
CAS No. : 1450833-55-2
Molecular Formula : C₁₉H₂₀F₃N₅O₅S₂
Molecular Weight : 519.514
Target : Ubiquitin-activating Enzyme (E1)
Solubility : 10 mM in DMSO



3. Barghout SH, et al. *Leukemia*. 2018 Jun 8. doi: 10.1038/s41375-018-0167-0.

Biological Activity

TAK-243 (MLN-7243, AOB87172) is a small-molecule, cell-permeable inhibitor of **ubiquitin-activating enzyme E1 (UAE1)** with IC₅₀ of 1 nM.

TAK-243 blocks essential monoubiquitination events within the translesion synthesis, and homologous recombination (HR) pathways.

TAK-243 shows synergistic and additive anti-tumor combination benefits in vivo combined with carboplatin and docetaxel.

References

Wei J, et al. *J Immunol*. 2017 May 15;198(10):3835-3845.

Michael A. Milhollen, et al. DOI: 10.1158/1535-7163.

