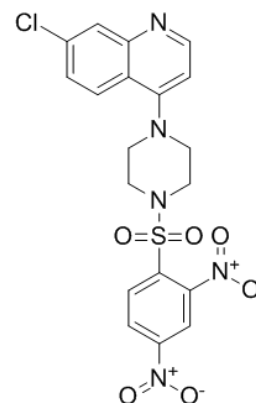


Product Name : VR23
Cat. No. : PC-45547
CAS No. : 1624602-30-7
Molecular Formula : C₁₉H₁₆ClN₅O₆S
Molecular Weight : 477.8782
Target : Proteasome
Solubility : 10 mM in DMSO



Biological Activity

VR23 is a potent inhibitor of trypsin-like **proteasome** (IC₅₀=1 nM), chymotrypsin-like proteasome (IC₅₀=50-100 nM) and caspase-like proteasome (IC₅₀=3 uM).

VR23 targets the β2 of the 20S proteasome catalytic subunit and structurally distinct from other known proteasome inhibitors and selectively kills cancer cells by apoptosis, with little effect on noncancerous cells.

References

Pundir S, et al. **Cancer Res.** 2015 Oct 1;75(19):4164-75.

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

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