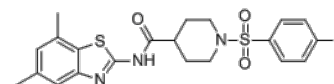


Product Name : VU534
Cat. No. : PC-20921
CAS No. : 923509-20-0
Molecular Formula : C₂₁H₂₂FN₃O₃S₂
Molecular Weight : 447.54
Target : Phospholipase
Solubility : 10 mM in DMSO



CAS: 923509-20-0

Biological Activity

VU534 is a small molecule activator of N-acyl-phosphatidylethanolamine hydrolyzing phospholipase D (**NAPE-PLD**) with EC₅₀ of 0.3 uM, enhances efferocytosis by macrophages.

VU534 (10 uM) increases the NAPE-PLD activity of RAW264.7 macrophages.

VU534 enhances efferocytosis in a NAPE-PLD-dependent manner in bone-marrow derived macrophages (BMDM).

References

Jonah E Zarrow, et al. *bioRxiv*. 2023 Feb 28;2023.01.25.525554.

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

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