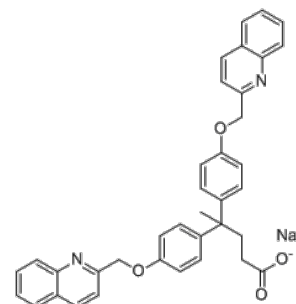


Product Name : ABT-080
Cat. No. : PC-35037
CAS No. : 189498-57-5
Molecular Formula : C₃₇H₃₁N₂NaO₄
Molecular Weight : 590.655
Target : FLAP
Solubility : 10 mM in DMSO



Biological Activity

ABT-080 (VML-530) is a potent **FLAP** inhibitor that inhibits ionophore-stimulated LTB(4) formation with with IC₅₀ of 20 nM. ABT-080 selectively inhibits zymosan-stimulated mouse peritoneal macrophages producing LTC(4) with IC₅₀ of 0.16 nM, 9000-fold selectivity over PGE(2) producing. ABT-080 demonstrates leukotriene inhibition with oral dosing in a rat pleural inflammation model.

References

Kolasa T, et al. *J Med Chem.* 2000 Aug 24;43(17):3322-34.

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

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