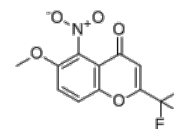


Product Name : Bragsin2
Cat. No. : PC-36078
CAS No. : 342795-08-8
Molecular Formula : C₁₁H₆F₃NO₅
Molecular Weight : 289.166
Target : Small GTPase
Solubility : 10 mM in DMSO



Biological Activity

Bragsin2 (Bragsin 2) is a specific inhibitor of the ArfGEF **BRAG2**, affects the trans-Golgi network in a BRAG2- and Arf-dependent manner in cells (IC₅₀=3 uM).

Bragsin2 binds at the interface between the PH domain of BRAG2 and the lipid bilayer to render BRAG2 unable to activate lipidated Arf, requires membranes for specific inhibition of BRAG2; affects tumorsphere formation in breast cancer cell lines.

Bragsin1 and Bragsin 2 are novel compounds that function by altering protein-membrane interactions without disruption.

References

Nawrotek A, et al. *Nat Chem Biol*. 2019 Feb 11. doi: 10.1038/s41589-019-0228-3.

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

E-mail: tech@probechem.com