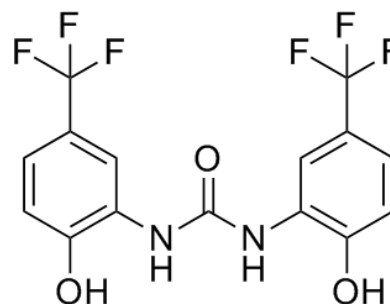


Product Name : NS-1643
Cat. No. : PC-45091
CAS No. : 448895-37-2
Molecular Formula : C₁₅H₁₀F₆N₂O₃
Molecular Weight : 380.2419
Target : Potassium Channel
Solubility : 10 mM in DMSO



Biological Activity

NS-1643 (NS1643) is a small molecule activator of **hERG** channels that enhances the magnitude of wild-type hERG current in a concentration- and voltage-dependent manner with EC₅₀ of 10.4 μ M at -10 mV. NS-1643 also causes irreversible inhibition of cell proliferation in human mammary gland adenocarcinoma-derived cells.

References

- Hansen RS, et al. Mol Pharmacol. 2006 Jan;69(1):266-77.
Casis O, et al. Mol Pharmacol. 2006 Feb;69(2):658-65.
Lansu K, et al. Cell Death Dis. 2013 Jun 6;4:e652.

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

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