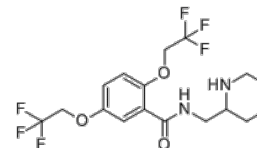


Product Name : Flecainide
Cat. No. : PC-70213
CAS No. : 54143-55-4
Molecular Formula : C₁₇H₂₀F₆N₂O₃
Molecular Weight : 414.343
Target : Sodium Channel
Solubility : 10 mM in DMSO



Biological Activity

Flecaïnide is a class Ic antiarrhythmic agent used to prevent and treat tachyarrhythmias, works by blocking the **Nav1.5** sodium channel in the heart, slowing the upstroke of the cardiac action potential.

Flecaïnide also inhibits ryanodine receptor 2 (RyR2), reduces calcium sparks and thus arrhythmogenic calcium waves in the heart.

References

- Hilliard FA, et al. J Mol Cell Cardiol. 2010 Feb;48(2):293-301.
Salvage SC, et al. Acta Physiol (Oxf). 2015 Jul;214(3):361-75.
Salvage SC, et al. Br J Pharmacol. 2017 Apr 3. doi: 10.1111/bph.13807.

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

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