

Dofetilide

Catalog No: tcsc2200



Available Sizes

Size: 5mg

Size: 10mg

Size: 50mg



Specifications

CAS No:

115256-11-6

Formula:

$C_{19}H_{27}N_3O_5S_2$

Pathway:

Membrane Transporter/Ion Channel

Target:

Potassium Channel

Purity / Grade:

>98%

Solubility:

10 mM in DMSO

Alternative Names:

UK 68789

Observed Molecular Weight:

441.56

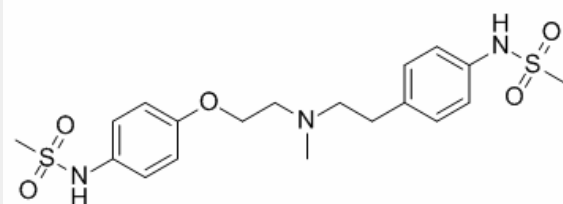
Product Description

Dofetilide(Tikosyn) is a class III antiarrhythmic agent.

Target: Potassium Channel

In patients with congestive heart failure and reduced left ventricular function, dofetilide was effective in converting atrial fibrillation, preventing its recurrence, and reducing the risk of hospitalization for worsening heart failure. Dofetilide had no effect on mortality [1].

dofetilide preferentially blocks open (or activated) channels and that the fast inactivation may competitively slow the binding kinetics. Dofetilide acts as a slow-onset/slow-offset open channel blocker of this current at nanomolar concentrations [2].



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