

## Dofetilide, Herg channel blocker

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Catalog	Unit
TBI1151-10MG	10 mg
TBI1151-50MG	50 mg

### Product Details

**Formal Name:** N-[4-(2-{[2-(4-Methanesulfonamidophenoxy)ethyl](methyl)amino}ethyl)phenyl]methanesulfonamide

**Alternate Names:** Tikosyn

**Molecular Formula:** C<sub>19</sub>H<sub>27</sub>N<sub>3</sub>O<sub>5</sub>S<sub>2</sub>

**Formula Weight:** 441.56

**CAS Number:** 115256-11-6

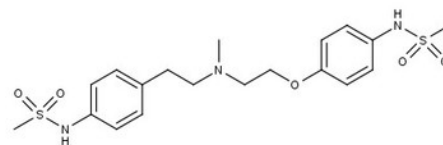
**Purity:** >98%

**Formulation:** Powder

**Solubility:** Soluble in DMSO (up to 25 mg/ml)

**Storage:** RT

**Stability:** ≥ 1 year.



### Applications

Herg channel blocker

### Functions

Dofetilide is a clinically useful class III antiarrhythmic that inhibits the rapid component of the delayed rectifier outward potassium current (IKr) via selective blockage of the Kv11.1 (hERG) channel.

### Application Procedures

First dissolved in DMSO (up to 25 mg/ml), then diluted to aqueous buffer. Solutions in DMSO may be stored at -20°C for up to 3 months.

**For research use only.**