

Catalog	Unit
TBI2468 - 1G	1 g

### Product Details

**Formal Name:** 2-Butyl-3-benzofuranyl-4-[2-(diethylamino)ethoxy]-3,5-diiodophenyl ketone hydrochloride

**Molecular Formula:** C<sub>25</sub>H<sub>29</sub>I<sub>2</sub>NO<sub>3</sub> · HCl

**Formula Weight:** 681.77

**CAS Number:** 19774-82-4

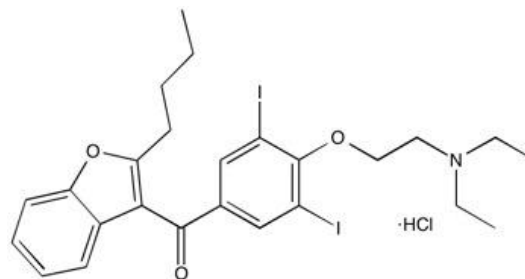
**Purity:** ≥98%

**Formulation:** Powder.

**Solubility:** Soluble in DMSO (up to 30 mg/ml) or in Ethanol (up to 10 mg/ml).

**Storage:** RT

**Stability:** ≥ 2 years.



### Applications

Pan-specific ion channel blocker

### Functions

Nonselective ion channel blocker. Class III antiarrhythmic. Induces cytochrome c release and induces apoptosis. An alkalizing agent which stimulates progranulin (GRN) production and prevents GRN-dependent neurodegeneration. Induces autophagy and suppresses hepatocellular carcinoma tumorigenesis via autophagy-mediated MIR224 degradation in vitro and in vivo.

### Application Procedures

First dissolved in DMSO (up to 30 mg/ml) or ethanol (up to 10 mg/ml), then diluted to aqueous buffer. Solutions in DMSO or ethanol may be stored at -20°C for up to 2 months.

### Relative Products

TBI1170	Mitomycin C
TBI1345	E64, Cysteine protease inhibitor
TBI1347	E64d, Cysteine protease inhibitor
TBI2064	Chromomycin A3
TBI2069	Cytochalasin B
TBI2794	5-EDU, DNA Click labeling probe
TBI2071	Cytochalasin D
TBI1286	Bestatin, Aminopeptidase inhibitor
TBI2140	Gemcitabine
TBI2058	Aphidicolin, DNA polymerase Inhibitor

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