

## Freselestat quarterhydrate

## Chemical Properties

CAS No. :

Formula: C<sub>23</sub>H<sub>30</sub>N<sub>6</sub>O<sub>5</sub>

Molecular Weight: 457.03

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

## Biological Description

Description	Freselestat quarterhydrate (ONO-6818 quarterhydrate) is a potent, orally active inhibitor of neutrophil elastase (K <sub>i</sub> : 12.2 nM). The quarterhydrate is more than 100-fold less active against other proteases, including trypsin, proteinase 3, pancreatic elastase, thrombin, fibrin, collagenase, histone G, and murine macrophage elastase, and exhibits potent anti-inflammatory effects.
Targets(IC50)	Others,Serine Protease

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.188 mL	10.9402 mL	21.8804 mL
5 mM	0.4376 mL	2.188 mL	4.3761 mL
10 mM	0.2188 mL	1.094 mL	2.188 mL
50 mM	0.0438 mL	0.2188 mL	0.4376 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481