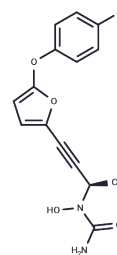


A 79175

## Chemical Properties

CAS No. : 141579-87-5  
 Formula: C<sub>15</sub>H<sub>13</sub>FN<sub>2</sub>O<sub>4</sub>  
 Molecular Weight: 304.27  
 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	A 79175 is a 5-lipoxygenase inhibitor that increases bone formation.
Targets(IC50)	Others,Lipoxygenase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.2866 mL	16.4328 mL	32.8655 mL
5 mM	0.6573 mL	3.2866 mL	6.5731 mL
10 mM	0.3287 mL	1.6433 mL	3.2866 mL
50 mM	0.0657 mL	0.3287 mL	0.6573 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.

## Reference

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- Carter GW, Bell RL, Marsh K, Lanni C, Awni WM, Bouska J, Stewart AO, Hansen R, Dubé L, Brooks DW. Stereoselective metabolism of the 5-lipoxygenase inhibitor A-78773. Ann N Y Acad Sci. 1994 Nov 15;744:262-73. PubMed PMID: 7825849.
- Bell RL, Bouska JB, Malo PE, Lanni C, Harris RR, Otis ER, Stewart AO, Brooks DW, Carter GW. Optimization of the potency and duration of action of N-hydroxyurea 5-lipoxygenase inhibitors. J Pharmacol Exp Ther. 1995 Feb;272(2):724-31. PubMed PMID: 7853186.
- Rioux N, Castonguay A. Inhibitors of lipoxygenase: a new class of cancer chemopreventive agents. Carcinogenesis. 1998 Aug;19(8):1393-400. PubMed PMID: 9744535.

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