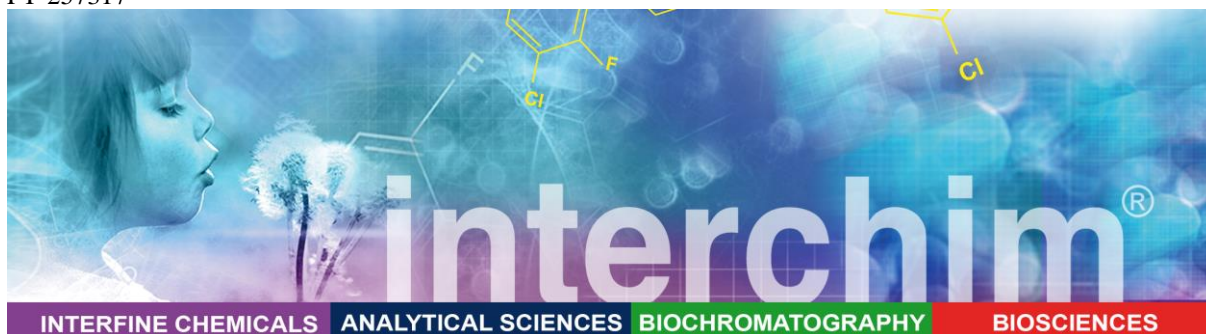


FT-257317



## Antipain Dihydrochloride

Catalog number: 257317, 5mg

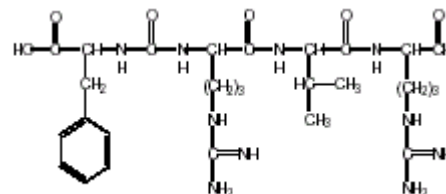
Name: N-(N $\alpha$ -Carbonyl-Arg-Val-Arg-al)-Phe ;  
 [(S)-1-carboxy-2-phenylethyl]-carbamoyl-Larginyl-L-valyl-arginal; N-[N $\alpha$ -carbonyl-ARG-VAL-ARG-al]-PHE  
 Formula : C<sub>27</sub>H<sub>44</sub>N<sub>10</sub>O<sub>6</sub>.2HCl ; CAS: 37682-72-7; MW= 604.7

Solubility : 50 mg/mL in water

Storage : Store cold. Keep dry. Warm to room temperature before opening.

Stock solutions in water or buffer stable for 1 week at 4°C, 1 month at -20°C.

It is reportedly soluble in methanol, water and DMSO; less soluble in ethanol, butanol or propanol; insoluble in benzene, hexane or chloroform.



### Utilisation

Considering the new and various applications, Uptima recommends to refer to the literature for information of uses.

#### Literature References:

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2. Umezawa, H, Structures and activities of protease inhibitors of microbial origin *Meth. Enzymol.* **45**, 678 (1976)
3. Deutscher, M.P, Maintaining protein stability *Meth. Enzymol.* **182**, 83-89 (1990)
4. Gegenheimer, P, Preparation of extracts from plants *Meth. Enzymol.* **182**, 174-193 (1990)
5. Beynon, R.J. and Bond, J.S., ed., *Proteolytic Enzymes: A Practical Approach* , New York, NY (1989), 242
6. Zollner, H., ed., *Handbook of Enzyme Inhibitors* 2nd ed., (1993), 94
7. Data for Biochemical Research, 3rd Ed., eds. Dawson, R., et al., Dawson, R., et al., ed., *Data for Biochemical Research* 3rd ed., (1987), 328-329

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