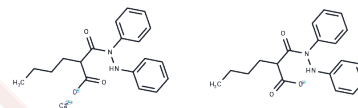


Bumadizone Calcium

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 34461-73-9 |
| Formula: | C ₃₈ H ₄₂ CaN ₄ O ₆ |
| Molecular Weight: | 690.84 |
| 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 | Bumadizone Calcium, a non-steroidal anti-inflammatory drug, is used to treat pain and arthritis. |
| Targets(IC50) | Others |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|------------|
| 1 mM | 1.4475 mL | 7.2376 mL | 14.4751 mL |
| 5 mM | 0.2895 mL | 1.4475 mL | 2.895 mL |
| 10 mM | 0.1448 mL | 0.7238 mL | 1.4475 mL |
| 50 mM | 0.029 mL | 0.1448 mL | 0.2895 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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- Kobayashi H, Kobayashi K, Okinami S. Efficacy of bunazosin hydrochloride 0.01% as adjunctive therapy of latanoprost or timolol. *J Glaucoma.* 2004 Feb;13(1):73-80. PubMed PMID: 14704548.
- Yoshikawa K, Katsushima H, Kimura T, Yamagishi K, Yamabayashi S. Addition of or switch to topical bunazosin hydrochloride in elderly patients with normal-tension glaucoma: A one-year follow-up study. *Jpn J Ophthalmol.* 2006 Sep-Oct;50(5):443-8. PubMed PMID: 17013697.
- Okada Y, Ichikawa M, Ishii K, Hara H. Effects of topically instilled bunazosin hydrochloride and other ocular hypotensive drugs on endothelin-1-induced constriction in rabbit retinal arteries. *Jpn J Ophthalmol.* 2004 Sep-Oct; 48(5):465-9. PubMed PMID: 15486769.

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