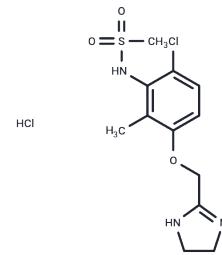


Dabuzalgron HCl

Chemical Properties

CAS No. :	219311-43-0
Formula:	C ₁₂ H ₁₇ Cl ₂ N ₃ O ₃ S
Molecular Weight:	354.25
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	Dabuzalgron, an adrenoceptor agonist, is used potentially for the treatment of urinary incontinence.
Targets(IC50)	Apoptosis,Others,Adrenergic Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8229 mL	14.1143 mL	28.2287 mL
5 mM	0.5646 mL	2.8229 mL	5.6457 mL
10 mM	0.2823 mL	1.4114 mL	2.8229 mL
50 mM	0.0565 mL	0.2823 mL	0.5646 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

- Conlon K, Christy C, Westbrook S, Whitlock G, Roberts L, Stobie A, McMurray G. Pharmacological properties of 2-((R)-5-chloro-4-methoxymethylindan-1-yl)-1H-imidazole (PF-3774076), a novel and selective alpha1A-adrenergic partial agonist, in in vitro and in vivo models of urethral function. *J Pharmacol Exp Ther.* 2009 Sep;330(3):892-901. doi: 10.1124/jpet.109.154963. PubMed PMID: 19498105.
- Wein AJ. A randomized crossover study to evaluate Ro 115-1240, a selective alpha-adrenoceptor partial agonist in women with stress urinary incontinence. *BJU Int.* 2004 May;93(7):1115. PubMed PMID: 15142177.
- Musselman DM, Ford AP, Gennevois DJ, Harbison ML, Laurent AL, Mokatrin AS, Stoltz RR, Blue DR. A randomized crossover study to evaluate Ro 115-1240, a selective alpha1A/1L-adrenoceptor partial agonist in women with stress urinary incontinence. *BJU Int.* 2004 Jan;93(1):78-83. PubMed PMID: 14678373.
- Wein AJ. A randomized crossover study to evaluate RO 115-1240, a selective alpha1A/1L-adrenoceptor partial agonist in women with stress urinary incontinence. *BJU Int.* 2004 Jun;93(9):1361. PubMed PMID: 15180647.

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