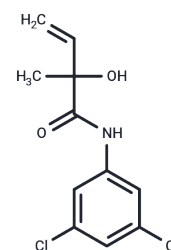


Vinclozolin M2

Chemical Properties

CAS No. :	83792-61-4
Formula:	C ₁₁ H ₁₁ Cl ₂ NO ₂
Molecular Weight:	260.1
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	Vinclozolin M2, an active metabolite of vinclozolin, is generated through successive esterase activity and decarboxylation in <i>C. elegans</i> , as well as decarboxylation in human liver microsomes. It functions as an antagonist to the mineralocorticoid (IC ₅₀ = 1,400 nM) and androgen receptors (IC ₅₀ = 0.17 nM), demonstrated in reporter assays with MCF-7 cells. This compound is exclusively sold for research and analytical purposes, tailored for controlled laboratory use, and is not available in bulk sizes.
Targets(IC50)	Others,Parasite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.8447 mL	19.2234 mL	38.4468 mL
5 mM	0.7689 mL	3.8447 mL	7.6894 mL
10 mM	0.3845 mL	1.9223 mL	3.8447 mL
50 mM	0.0769 mL	0.3845 mL	0.7689 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

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