

AC 915

Chemical Properties

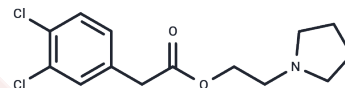
CAS No. : 259729-84-5

Formula: C₁₄H₁₇Cl₂N₂O₂

Molecular Weight: 302.2

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	AC 915 is a sigma-1 antagonist.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.3091 mL	16.5453 mL	33.0907 mL
5 mM	0.6618 mL	3.3091 mL	6.6181 mL
10 mM	0.3309 mL	1.6545 mL	3.3091 mL
50 mM	0.0662 mL	0.3309 mL	0.6618 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

Rybczynska AA, Dierckx RA, Ishiwata K, Elsinga PH, van Waarde A. Cytotoxicity of sigma-receptor ligands is associated with major changes of cellular metabolism and complete occupancy of the sigma-2 subpopulation. J Nucl Med. 2008 Dec;49(12):2049-56. doi: 10.2967/jnumed.108.053876. Epub 2008 Nov 7. PubMed PMID: 18997057.

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