

Dichlorotetrakis(2-(2-pyridinyl)phenyl)diiridium(III)

Chemical Properties

CAS No. :	92220-65-0
Formula:	C ₄₄ H ₃₂ Cl ₂ Ir ₂ N ₄
Molecular Weight:	1072.1
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>

Biological Description

Description	Dichlorotetrakis(2-(2-pyridinyl)phenyl)diiridium(III) serves as a precursor for certain OLED iridium compounds. Additionally, it functions as a catalyst and is utilized in the synthesis of the receptor Ir-1, specifically 3,3'-([2,2'-bipyridine]-5,5'-diylbis(methylene)) bis(1-ethyl-1H-imidazol-3-ium).
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.9327 mL	4.6637 mL	9.3275 mL
5 mM	0.1865 mL	0.9327 mL	1.8655 mL
10 mM	0.0933 mL	0.4664 mL	0.9327 mL
50 mM	0.0187 mL	0.0933 mL	0.1865 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.

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