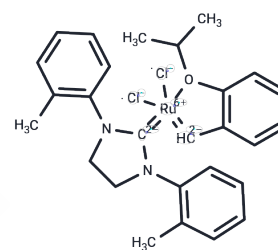


Stewart-Grubbs catalyst

Chemical Properties

CAS No. :	927429-61-6
Formula:	C ₂₇ H ₃₀ Cl ₂ N ₂ ORu
Molecular Weight:	570.52
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	The Stewart-Grubbs catalyst is an effective catalyst for the cross-metathesis of olefins with numerous allylic substituents. In addition, ChemBeads are chemically coated glass beads designed to enhance flow and chemical uniformity, making them ideal for automated solid dispensing and high-throughput experiments. Notably, the production of ChemBeads does not require additional chemicals or surfactants, enabling precise sub-milligram dispensing of catalysts.
Targets(IC50)	Endogenous Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7528 mL	8.7639 mL	17.5279 mL
5 mM	0.3506 mL	1.7528 mL	3.5056 mL
10 mM	0.1753 mL	0.8764 mL	1.7528 mL
50 mM	0.0351 mL	0.1753 mL	0.3506 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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