

4-(Triphenylethenyl)aniline

Chemical Properties

CAS No. :	919789-80-3
Formula:	C ₂₆ H ₂₁ N
Molecular Weight:	347.452
Storage:	Keep away from direct sunlight 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	4-(Triphenylethenyl)aniline is a monoamino-substituted TPE molecule and AIE-emitting material (AIEgens), suitable for studying aggregation-induced emission (AIE).
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8781 mL	14.3906 mL	28.7811 mL
5 mM	0.5756 mL	2.8781 mL	5.7562 mL
10 mM	0.2878 mL	1.4391 mL	2.8781 mL
50 mM	0.0576 mL	0.2878 mL	0.5756 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

He Y, et al. Unveiling the pore size change in polyamide membrane using aggregation induced emission. Journal of Membrane Science. 2025;714:123434. doi:10.1016/j.memsci.2024.123434

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