

(+)-PM 92131

## Chemical Properties

CAS No. : 167937-11-3  
 Formula: C<sub>16</sub>H<sub>20</sub>O<sub>3</sub>  
 Molecular Weight: 260.33  
 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	(+)-PM 92131 is an active enantiomer of (±)-PM 92131, functioning as a non-nucleoside inhibitor of HIV-1. It exhibits anti-HIV-1 activity, with EC <sub>50</sub> values of 0.8 μM and 0.6 μM in XTT cell protection and syncytium formation assays against the HIV-1RF strain, respectively. (+)-PM 92131 is applicable in HIV infection research.
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.8413 mL	19.2064 mL	38.4128 mL
5 mM	0.7683 mL	3.8413 mL	7.6826 mL
10 mM	0.3841 mL	1.9206 mL	3.8413 mL
50 mM	0.0768 mL	0.3841 mL	0.7683 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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