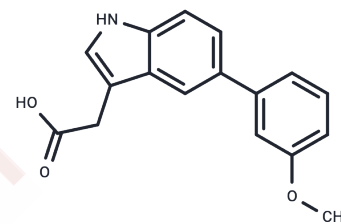


cvxIAA

## Chemical Properties

CAS No. : 2127037-35-6  
 Formula: C<sub>17</sub>H<sub>15</sub>NO<sub>3</sub>  
 Molecular Weight: 281.31  
 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	cvxIAA is an orthologous auxin-TIR1 receptor that hijacks downstream auxin signalling only in the presence of the complementary concave TIR1 (ccvTIR1) receptor, without interfering with endogenous auxin or TIR1/afb.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.5548 mL	17.774 mL	35.548 mL
5 mM	0.711 mL	3.5548 mL	7.1096 mL
10 mM	0.3555 mL	1.7774 mL	3.5548 mL
50 mM	0.0711 mL	0.3555 mL	0.711 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

Yamada R, et al. A Super Strong Engineered Auxin-TIR1 Pair. *Plant Cell Physiol.* 2018 Aug 1;59(8):1538-1544.  
 Uchida N, et al. Chemical hijacking of auxin signaling with an engineered auxin-TIR1 pair. *Nat Chem Biol.* 2018 Mar;14(3):299-305.

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Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481