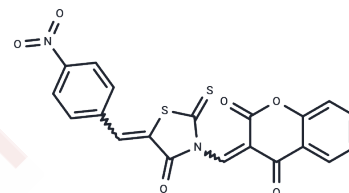


NSC-658497

## Chemical Properties

CAS No. : 909197-38-2  
 Formula: C<sub>20</sub>H<sub>10</sub>N<sub>2</sub>O<sub>6</sub>S<sub>2</sub>  
 Molecular Weight: 438.43  
 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   | NSC-658497 is a SOS1-Ras interaction inhibitor that acts by dose-dependently inhibiting SOS1 GEF activity. |
| Targets(IC50) | Others,Ras   |

## Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 2.2809 mL | 11.4043 mL | 22.8087 mL |
| 5 mM  | 0.4562 mL | 2.2809 mL  | 4.5617 mL  |
| 10 mM | 0.2281 mL | 1.1404 mL  | 2.2809 mL  |
| 50 mM | 0.0456 mL | 0.2281 mL  | 0.4562 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

Evelyn CR, Duan X, Biesiada J, Seibel WL, Meller J, Zheng Y. Rational design of small molecule inhibitors targeting the Ras GEF, SOS1. Chem Biol. 2014 Dec 18;21(12):1618-28. doi: 10.1016/j.chembiol.2014.09.018. Epub 2014 Nov 20. PubMed PMID: 25455859; PubMed Central PMCID: PMC4272618.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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