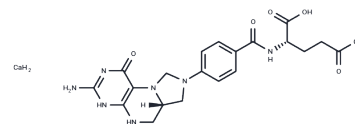


## Folitixorin calcium, (6S)-

### Chemical Properties

CAS No. : 815587-59-8  
Formula: C<sub>20</sub>H<sub>25</sub>CaN<sub>7</sub>O<sub>6</sub>  
Molecular Weight: 499.541  
Appearance: no data available  
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



### Biological Description

|             |                                                                                                       |
|-------------|-------------------------------------------------------------------------------------------------------|
| Description | Folitixorin calcium, (6S)- is the calcium salt of the substrate to generate 5-methyltetrahydrofolate. |
|-------------|-------------------------------------------------------------------------------------------------------|

### Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 2.0018 mL | 10.0092 mL | 20.0184 mL |
| 5 mM  | 0.4004 mL | 2.0018 mL  | 4.0037 mL  |
| 10 mM | 0.2002 mL | 1.0009 mL  | 2.0018 mL  |
| 50 mM | 0.040 mL  | 0.2002 mL  | 0.4004 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.

### Reference

Domon Y, Arakawa N, Inoue T, Matsuda F, Takahashi M, Yamamura N, Kai K, Kitano Y. Binding Characteristics and Analgesic Effects of Mirogabalin, a Novel Ligand for the  $\alpha(2)\delta$  Subunit of Voltage-Gated Calcium Channels. J

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