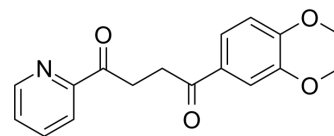


Wnt pathway activator 2

| | | | |
|---------------------------|---|-------|----------|
| Cat. No.: | HY-136073 | | |
| CAS No.: | 1360540-82-4 | | |
| Molecular Formula: | C ₁₇ H ₁₅ NO ₄ | | |
| Molecular Weight: | 297.31 | | |
| Target: | Wnt | | |
| Pathway: | Stem Cell/Wnt | | |
| Storage: | Powder | -20°C | 3 years |
| | | 4°C | 2 years |
| | In solvent | -80°C | 6 months |
| | | -20°C | 1 month |



SOLVENT & SOLUBILITY

| | | | | | |
|---|--|--------------------------|--------------|------------|------------|
| In Vitro | DMSO : 100 mg/mL (336.35 mM; Need ultrasonic) | | | | |
| | | Solvent Concentration | Mass 1 mg | 5 mg | 10 mg |
| | Preparing Stock Solutions | 1 mM | 3.3635 mL | 16.8175 mL | 33.6349 mL |
| | | 5 mM | 0.6727 mL | 3.3635 mL | 6.7270 mL |
| 10 mM | | 0.3363 mL | 1.6817 mL | 3.3635 mL | |
| Please refer to the solubility information to select the appropriate solvent. | | | | | |
| In Vivo | 1. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 5 mg/mL (16.82 mM); Clear solution | | | | |

BIOLOGICAL ACTIVITY

| | |
|--------------------|---|
| Description | Wnt pathway activator 2 is a potent Wnt activator extracted from patent WO2012024404A1, compound 2, has an EC ₅₀ s of 13 nM ^[1] . |
|--------------------|---|

REFERENCES

[1]. Charlene F. Barroga, et al. Diketones and hydroxyketones as catenin signaling pathway activators. WO2012024404A1.

Caution: Product has not been fully validated for medical applications. For research use only.

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