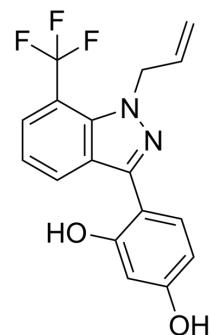


## WAY-169916

|                           |  |       |          |
|---------------------------|--|-------|----------|
| <b>Cat. No.:</b>          | HY-117726  |       |          |
| <b>CAS No.:</b>           | 669764-18-5  |       |          |
| <b>Molecular Formula:</b> | C <sub>17</sub> H <sub>13</sub> F <sub>3</sub> N <sub>2</sub> O <sub>2</sub> |       |          |
| <b>Molecular Weight:</b>  | 334.29   |       |          |
| <b>Target:</b>            | Estrogen Receptor/ERR; NF-κB   |       |          |
| <b>Pathway:</b>           | Vitamin D Related/Nuclear Receptor; NF-κB                                    |       |          |
| <b>Storage:</b>           | Powder   | -20°C | 3 years  |
|                           |  | 4°C   | 2 years  |
|                           | In solvent   | -80°C | 6 months |
|                           |  | -20°C | 1 month  |



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 125 mg/mL (373.93 mM; Need ultrasonic)

| Concentration             | Solvent | Mass      |            |            |
|---------------------------|---------|-----------|------------|------------|
|                           |         | 1 mg      | 5 mg       | 10 mg      |
| Preparing Stock Solutions | 1 mM    | 2.9914 mL | 14.9571 mL | 29.9141 mL |
|                           | 5 mM    | 0.5983 mL | 2.9914 mL  | 5.9828 mL  |
|                           | 10 mM   | 0.2991 mL | 1.4957 mL  | 2.9914 mL  |

Please refer to the solubility information to select the appropriate solvent.

### BIOLOGICAL ACTIVITY

#### Description

WAY-169916 is a pathway-selective ligand of ER (estrogen receptor) that acts by inhibiting NF-κB transcriptional activity. WAY-169916 has potent anti-inflammatory effect<sup>[1]</sup>.

### REFERENCES

[1]. Chadwick CC, et al. Identification of pathway-selective estrogen receptor ligands that inhibit NF-kappaB transcriptional activity. Proc Natl Acad Sci U S A. 2005 Feb 15;102(7):2543-8.

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

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