

Arvelexin

Chemical Properties

| | |
|-------------------|--|
| CAS No. : | 4837-74-5 |
| Formula: | C ₁₁ H ₁₀ N ₂ O |
| Molecular Weight: | 186.21 |
| Storage: | Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small> |

Biological Description

| | |
|---------------|---|
| Description | Arvelexin is a bioactive compound found in Brassica rapa L. (Brassicaceae). It inhibits the activation of NF-κB and the expression of IL-8, and reduces colon inflammation. |
| Targets(IC50) | NF-κB |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 5.3703 mL | 26.8514 mL | 53.7028 mL |
| 5 mM | 1.0741 mL | 5.3703 mL | 10.7406 mL |
| 10 mM | 0.537 mL | 2.6851 mL | 5.3703 mL |
| 50 mM | 0.1074 mL | 0.537 mL | 1.0741 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.

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