# AS601245

## Jnk inhibitor

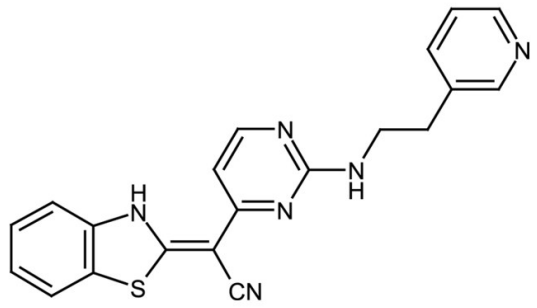
Potent and cell permeable ATP competitive JNK inhibitor (hJNK1: $IC_{50}$ =150nM, hJNK2: $IC_{50}$=220nM and hJNK3: $IC_{50}$=70 nM). Displays anti-inflammatory properties and has been shown to reduce TNF-α plasma levels induced by LPS in mice.

**Citations:** 8 View Online »

## Ordering Information Order Online »

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|---|---|
| **ALX-270-443-M001** | 1mg |
| **ALX-270-443-M005** | 5mg |

## Manuals, SDS & CofA View Online »

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## Handling & Storage

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|---|---|
| **Use/Stability** | As indicated on product label or CoA when stored as recommended. Stock solutions are stable for up to 3 months when stored at -20°C. |
| **Handling** | Hygroscopic. Packaged under inert gas. Protect from light. |
| **Long Term Storage** | -20°C |
| **Shipping** | Ambient Temperature |

## Regulatory Status

RUO - Research Use Only

## Product Details

| | |
|---|---|
| **Alternative Name** | 1,3-Benzothiazol-2-yl-(2-{[2-(3-pyridinyl)ethyl]amino}-4-pyrimidinyl) acetonitrile, JNK Inhibitor V |
| **Appearance** | White to yellow solid. |
| **CAS** | 345987-15-7 |
| **Couple Target** | Jnk |
| **Couple Type** | Inhibitor |
| **Formula** | $C_{20}H_{16}N_6S$ |
| **Identity** | Determined by 1H-NMR. |
| **MW** | 372.5 |
| **Purity** | ≥95% (HPLC) |
| **Purity Detail** | Sum of two isomers. |
| **Solubility** | Soluble in DMSO (10mg/ml). |

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