

Product datasheet

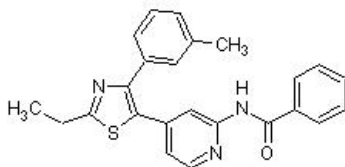
TAK 715, p38 MAPK inhibitor ab120989

Overview

<b>Product name</b>	TAK 715, p38 MAPK inhibitor
<b>Description</b>	Potent p38 MAPK inhibitor
<b>Biological description</b>	Potent p38 MAPK inhibitor (IC <sub>50</sub> = 7.1 nM at p38 MAPKα). Additionally inhibits Wnt-3a stimulated β-catenin signaling and shows cross-reactivity with casein kinase δ and ε. Antirheumatic. Active <i>in vivo</i> .
<b>Purity</b>	> 99%

Properties

<b>Chemical name</b>	N-[4-[2-Ethyl-4-(3-methylphenyl)-5-thiazolyl]-2-pyridinyl]benzamide
<b>Molecular weight</b>	399.51
<b>Chemical structure</b>	



<b>Molecular formula</b>	C <sub>24</sub> H <sub>21</sub> N <sub>3</sub> OS
<b>CAS Number</b>	303162-79-0
<b>PubChem identifier</b>	9952773
<b>Storage instructions</b>	Store at +4°C. The product can be stored for up to 12 months.
<b>Solubility overview</b>	Soluble in DMSO to 100 mM and in ethanol to 25 mM
<b>Handling</b>	Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.  Need more advice on solubility, usage and handling? Please visit our <a href="#">frequently asked questions (FAQ) page</a> for more details.
<b>SMILES</b>	CCc2nc(c1cc(C)ccc1)c(s2)c4ccnc(NC(=O)c3ccccc3)c4
<b>Source</b>	Synthetic

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE, NOT FOR USE IN HUMANS"

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- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

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- Abcam biochemicals are novel compounds and we have not tested their biological activity in house. Please use the literature to identify how to use these products effectively. If you require further assistance please contact the scientific support team