

JAK-2/3-IN-1 biochemical

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CATALOG #
AAA227429

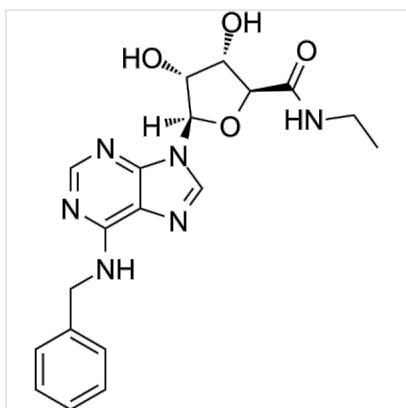
PRODUCT SYNONYMS

JAK-2/3-IN-1; JAK-2/3-IN-1 biochemical

PRODUCT SPECIFICATIONS

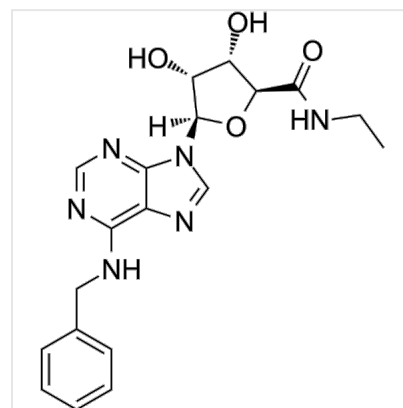
Purity/Purification	98%
CAS	1036241-36-7
Targets&IC50	JAK2:<250 nM (Ki), JAK3:<250 nM (Ki)
Solubility	<1mg/ml refers to the product slightly soluble or insoluble
In vitro	The Janus kinases (JAK) are a family of tyrosine kinases that play a critical role in cytokine signaling. The family consists of JAK-1, JAK-2, JAK-3 and TYK-2, and the down-stream substrates of this family of kinases include the signal transducer and activator of transcription (STAT) proteins. JAK/STAT signaling has been implicated in the mediation of many abnormal immune responses, such as allergies and asthma; autoimmune diseases; as well as in solid and hematologic malignancies[1].
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES



Structure

N6-Benzyl-5'-ethylcarboxamido adenosine, CAS 152918-32-6



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ADDITIONAL INFORMATION

Related Product Information for JAK-2/3-IN-1 biochemical	JAK-2/3-IN-1 is a potent JAK-2 and JAK-3 inhibitor extracted from patent US8163732B2, compound 46, has K _i s of <250 nM for both isoforms.
References	1. C Gallo-Rodriguez, et al. Structure-activity relationships of N6-benzyladenosine-5'-uronamides as A3-selective adenosine agonists. J Med Chem. 1994 Mar 4;37(5):636-46.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/biochemical/jak-2-3-in-1/227429>