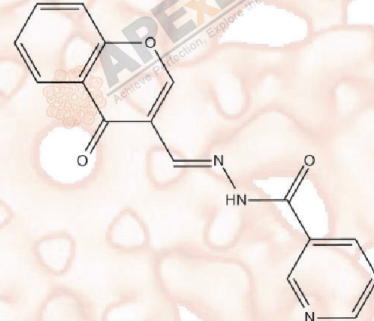


Product Data Sheet

STAT5 Inhibitor

Cat. No.:	C4105
CAS No.:	285986-31-4
Formula:	C ₁₆ H ₁₁ N ₃ O ₃
M.Wt:	293.3
Synonyms:	Signal Transducers and Activators of Transcription 5
Target:	JAK/STAT Signaling
Pathway:	STAT
Storage:	Store at -20°C



Solvent & Solubility

≥9.58 mg/mL in DMSO; insoluble in EtOH; insoluble in H₂O

In Vitro	Preparing Stock Solutions	Mass			
		Solvent Concentration	1mg	5mg	10mg
		1 mM	3.4095 mL	17.0474 mL	34.0948 mL
		5 mM	0.6819 mL	3.4095 mL	6.8190 mL
		10 mM	0.3409 mL	1.7047 mL	3.4095 mL

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

Biological Activity

Shortsummary	STAT5 inhibitor	
IC ₅₀ & Target		
In Vitro	Cell Viability Assay	
	Preparation method:	
In Vivo	Animal experiment	
	Applications:	

Product Citations

See more customer validations on www.apexbt.com.

References

Caution

FOR RESEARCH PURPOSES ONLY.

NOT FOR HUMAN, VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

Specific storage and handling information for each product is indicated on the product datasheet. Most APEX BIO products are stable under the recommended conditions. Products are sometimes shipped at a temperature that differs from the recommended storage temperature. Shortterm storage of many products are stable in the short-term at temperatures that differ from that required for long-term storage. We ensure that the product is shipped under conditions that will maintain the quality of the reagents. Upon receipt of the product, follow the storage recommendations on the product data sheet.

APEX BIO Technology

www.apexbt.com

7505 Fannin street, Suite 410, Houston, TX 77054.

Tel: +1-832-696-8203 | Fax: +1-832-641-3177 | Email: info@apexbt.com

