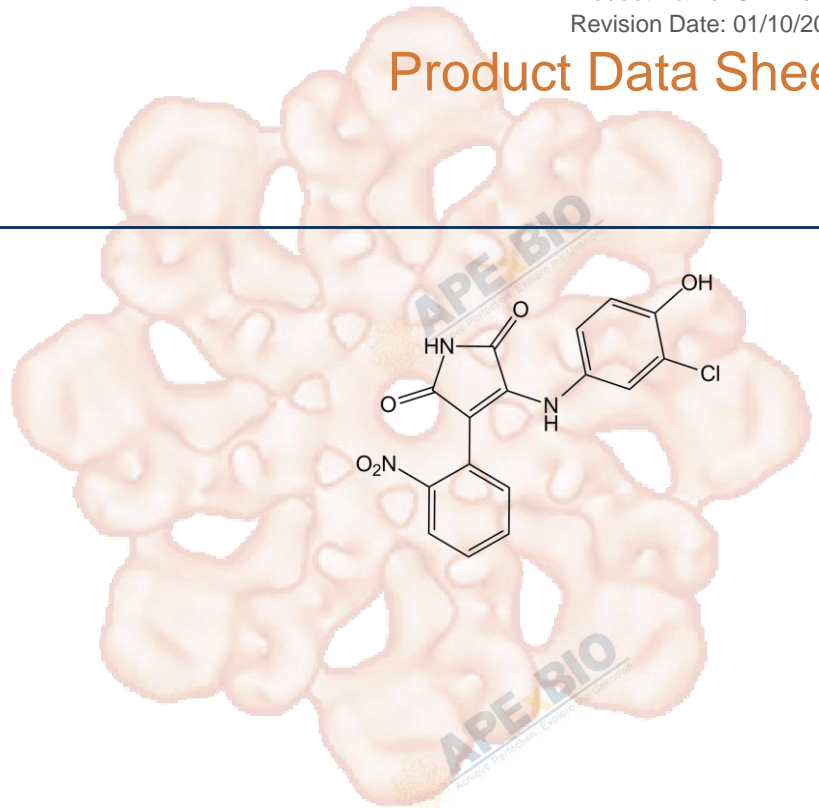


Product Data Sheet

SB 415286

Cat. No.:	A8241
CAS No.:	264218-23-7
Formula:	C16H10ClN3O5
M.Wt:	359.73
Synonyms:	
Target:	PI3K/Akt/mTOR Signaling
Pathway:	GSK-3
Storage:	Store at RT



Solvent & Solubility

insoluble in H₂O; ≥18 mg/mL in DMSO; ≥44.9 mg/mL in EtOH with ultrasonic

In Vitro

Preparing Stock Solutions	Solvent	Mass		
		1mg	5mg	10mg
	Concentration			
	1 mM	2.7799 mL	13.8993 mL	27.7986 mL
	5 mM	0.5560 mL	2.7799 mL	5.5597 mL
	10 mM	0.2780 mL	1.3899 mL	2.7799 mL

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

Biological Activity

Shortsummary	GSK-3 inhibitor,potent and selective
IC ₅₀ & Target	78 nM (Ki=31 nM) (GSK-3α), ~78 nM (GSK-3β)

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.

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