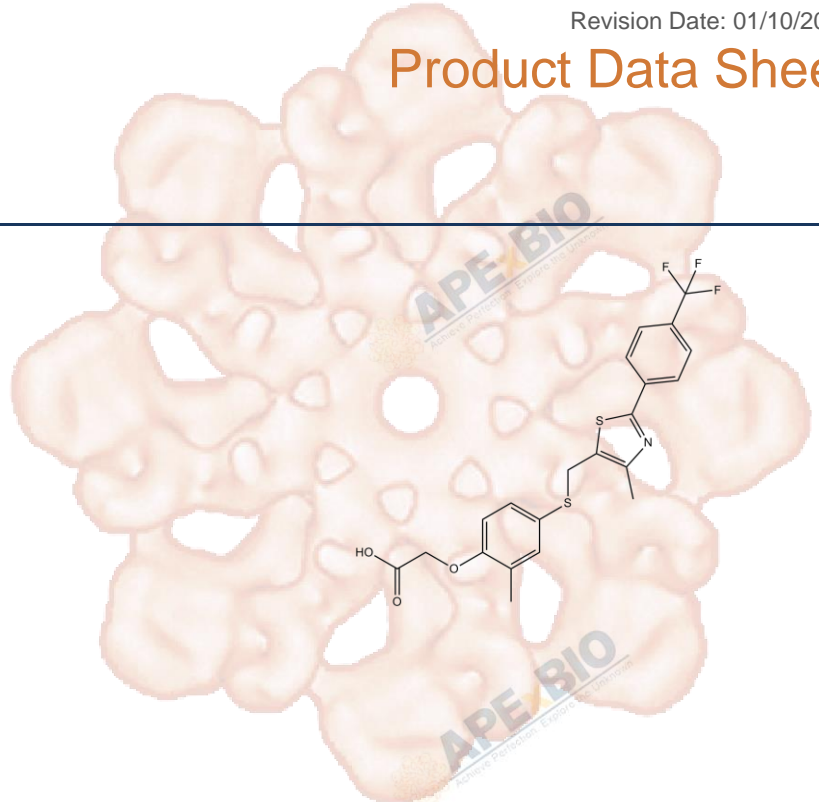


Product Data Sheet

GW501516

Cat. No.:	A4309
CAS No.:	317318-70-0
Formula:	C ₂₁ H ₁₈ F ₃ NO ₃ S ₂
M.Wt:	453.5
Synonyms:	
Target:	Metabolism
Pathway:	PPAR
Storage:	Store at -20°C



Solvent & Solubility

insoluble in H₂O; ≥18.05 mg/mL in DMSO; ≥44.6 mg/mL in EtOH

In Vitro

Preparing Stock Solutions	Solvent		Mass		
	Concentration		1mg	5mg	10mg
	1 mM		2.2051 mL	11.0254 mL	22.0507 mL
	5 mM		0.4410 mL	2.2051 mL	4.4101 mL
	10 mM		0.2205 mL	1.1025 mL	2.2051 mL

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

Biological Activity

Shortsummary PPAR δ agonist,selective and potent

IC₅₀ & Target 1.1 nM (EC50) (PPAR β)

In Vitro

Cell Viability Assay

Preparation method:

In Vivo

Animal experiment

Applications:

Product Citations

1. Bassem M. Shoucri, Eric S. Martinez, et al. "Retinoid X receptor activation alters the chromatin landscape to commit mesenchymal stem cells to the adipose lineage." *Endocrinology*. 2017 Jul.

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^xBIO 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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