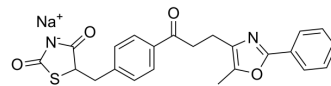


Darglitazone Sodium

Cat. No.:	HY-120160A
CAS No.:	149904-87-0
Molecular Formula:	C ₂₃ H ₁₉ N ₂ NaO ₄ S
Molecular Weight:	442.46
Target:	PPAR
Pathway:	Cell Cycle/DNA Damage; Vitamin D Related/Nuclear Receptor
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Darglitazone Sodium, a thiazolidinedione, is an orally active, potent, and selective PPAR-γ (peroxisome proliferator-activated receptor) agonist. Darglitazone Sodium is effective in controlling blood glucose and lipid metabolism, and can be used for type II diabetes research ^{[1][2]} .
IC ₅₀ & Target	PPAR-γ

REFERENCES

[1]. Rashmi Kumari, et al. The PPAR-gamma agonist, darglitazone, restores acute inflammatory responses to cerebral hypoxia-ischemia in the diabetic ob/ob mouse. *J Cereb Blood Flow Metab.* 2010 Feb;30(2):352-60.

[2]. Hoenig M, Ferguson DC. Effect of darglitazone on glucose clearance and lipid metabolism in obese cats. *Am J Vet Res.* 2003 Nov;64(11):1409-13.

Caution: Product has not been fully validated for medical applications. For research use only.

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