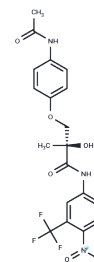


Andarine

Chemical Properties

CAS No. :	401900-40-1
Formula:	C ₁₉ H ₁₈ F ₃ N ₃ O ₆
Molecular Weight:	441.36
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	Andarine (GTx-007) (S-4) is an active partial agonist and an investigational selective androgen receptor modulator (SARM).
Targets(IC50)	Androgen Receptor

Solubility Information

Solubility	DMSO: 82 mg/mL (185.79 mM),Sonication is recommended. Ethanol: 82 mg/mL (185.79 mM),Sonication is recommended. H ₂ O: < 1 mg/mL (insoluble or slightly soluble), (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+40% PEG300+5% Tween 80+45% Saline: 3.3 mg/mL (7.48 mM),Sonication is recommended. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i>

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2657 mL	11.3286 mL	22.6572 mL
5 mM	0.4531 mL	2.2657 mL	4.5314 mL
10 mM	0.2266 mL	1.1329 mL	2.2657 mL
50 mM	0.0453 mL	0.2266 mL	0.4531 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Yin D, et al. J Pharmacol Exp Ther. 2003, 304(3), 1334-1340.

Perera MA, et al. PharmSci. 2002, 4(4).

Gao W, et al. Endocrinology. 2004, 145(12), 5420-5428.

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