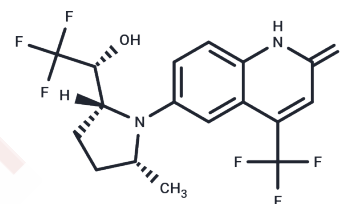


LGD-2941

Chemical Properties

CAS No. : 847235-85-2
 Formula: C₁₇H₁₆F₆N₂O₂
 Molecular Weight: 394.31
 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	LGD-2941 is an androgen receptor modulator. LGD-2941 is used for the treatment of hypogonadism, female sexual dysfunction and menopausal syndrome.
Targets(IC50)	Others,Androgen Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5361 mL	12.6804 mL	25.3608 mL
5 mM	0.5072 mL	2.5361 mL	5.0722 mL
10 mM	0.2536 mL	1.268 mL	2.5361 mL
50 mM	0.0507 mL	0.2536 mL	0.5072 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

- Riedmaier I, Tichopad A, Reiter M, Pfaffl MW, Meyer HH. Influence of testosterone and a novel SARM on gene expression in whole blood of *Macaca fascicularis*. *J Steroid Biochem Mol Biol*. 2009 Apr;114(3-5):167-73. doi: 10.1016/j.jsbmb.2009.01.019. PubMed PMID: 19429447.
- Reiter M, Tichopad A, Riedmaier I, Pfaffl MW, Meyer HH. Monitoring gene expression in muscle tissue of macaca fascicularis under the influence of testosterone and SARM. *Horm Mol Biol Clin Investig*. 2010 Jan 1;1(2):73-9. doi: 10.1515/HMBCI.2010.007. PubMed PMID: 25961973.
- Furuya K. [Bone and Men's Health. Bone selective androgen receptor modulators]. *Clin Calcium*. 2010 Feb;20(2):225-33. doi: CliCa1002225233. Review. Japanese. PubMed PMID: 20118515.
- Martinborough E, Shen Y, Oeveren Av, Long YO, Lau TL, Marschke KB, Chang WY, López FJ, Vajda EG, Rix PJ, Viveros OH, Negro-Vilar A, Zhi L. Substituted 6-(1-pyrrolidine)quinolin-2(1H)-ones as novel selective androgen receptor modulators. *J Med Chem*. 2007 Oct 18;50(21):5049-52. PubMed PMID: 17887661.

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