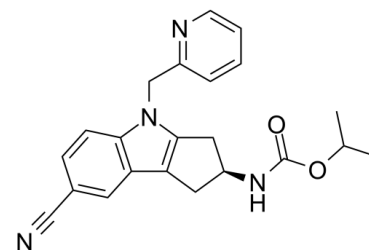


Data Sheet

Product Name:	LY2452473
Cat. No.:	CS-0063375
CAS No.:	1029692-15-6
Molecular Formula:	C ₂₂ H ₂₂ N ₄ O ₂
Molecular Weight:	374.44
Target:	Androgen Receptor
Pathway:	Others
Solubility:	DMSO : 62.5 mg/mL (166.92 mM; Need ultrasonic)



BIOLOGICAL ACTIVITY:

LY2452473 is an orally bioavailable, selective **androgen receptor** modulator (SARM). IC₅₀ & Target: Androgen receptor^[1] **In Vivo:** LY2452473 is a selective androgen receptor modulator being developed for the treatment of disorders related to hypogonadism. LY2452473 is absorbed rapidly (time to reach maximum plasma concentration for both LY2452473 and total radioactivity is 2-3 h) and cleared slowly (plasma terminal t_{1/2} of 27 h for LY2452473 and 51 h for the total radioactivity)^[1].

References:

[1]. Yi P, et al. Disposition and metabolism of LY2452473, a selective androgen receptor modulator, in humans. *Drug Metab Dispos.* 2012 Dec;40(12):2354-64.

CAIndexNames:

Carbamic acid, N-[(2S)-7-cyano-1,2,3,4-tetrahydro-4-(2-pyridinylmethyl)cyclopent[b]indol-2-yl]-, 1-methylethyl ester

SMILES:

O=C(N[C@@H]1CC(N(C2=C3C=C(C=C2)C#N)CC4=NC=CC=C4)=C3C1)OC(C)C

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

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