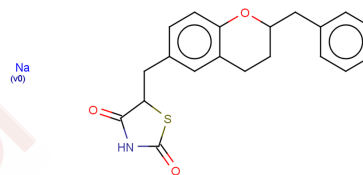


Englitazone sodium

Chemical Properties

CAS No. :	109229-57-4
Formula:	C ₂₀ H ₁₉ NNaO ₃ S
Molecular Weight:	376.43
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	Englitazone sodium is an antidiabetic agent and a novel NSCA and KATP channel blocker.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6565 mL	13.2827 mL	26.5654 mL
5 mM	0.5313 mL	2.6565 mL	5.3131 mL
10 mM	0.2657 mL	1.3283 mL	2.6565 mL
50 mM	0.0531 mL	0.2657 mL	0.5313 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

McKay NG, Kinsella JM, Campbell CM, Ashford ML. Sensitivity of Kir6.2-SUR1 currents, in the absence and presence of sodium azide, to the K(ATP) channel inhibitors, ciclazindol and englitazone. Br J Pharmacol. 2000 Jun;130(4): 857-66. PubMed PMID: 10864893; PubMed Central PMCID: PMC1572145.

Rowe IC, Lee K, Khan RN, Ashford ML. Effect of englitazone on KATP and calcium-activated non-selective cation channels in CRI-G1 insulin-secreting cells. Br J Pharmacol. 1997 Jun;121(3):531-9. PubMed PMID: 9179397; PubMed Central PMCID: PMC1564701.

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