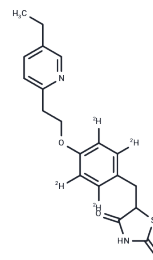


## Pioglitazone-D4

## Chemical Properties

CAS No. :	1134163-29-3
Formula:	C <sub>19</sub> H <sub>20</sub> N <sub>2</sub> O <sub>3</sub> S
Molecular Weight:	360.46
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	Pioglitazone-D4 is a deuterium labeled Pioglitazone. Pioglitazone (T0214) is a agonist of PPAR $\gamma$ .
Targets(IC50)	Ferroptosis,PPAR

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7742 mL	13.8712 mL	27.7423 mL
5 mM	0.5548 mL	2.7742 mL	5.5485 mL
10 mM	0.2774 mL	1.3871 mL	2.7742 mL
50 mM	0.0555 mL	0.2774 mL	0.5548 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

Kuwabara K, et al. A novel selective peroxisome proliferator-activated receptor alpha agonist, 2-methyl-c-5-[4-[5-methyl-2-(4-methylphenyl)-4-oxazolyl]butyl]-1,3-dioxane-r-2-carboxylic acid (NS-220), potently decreases plasma triglyceride and glucose level

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