

## GSK2033

**CAS Registry No.:** 1221277-90-2

**Formal Name:** 2,4,6-trimethyl-N-((3'-(methylsulfonyl)-[1,1'-biphenyl]-4-yl)methyl)-N-((5-(trifluoromethyl)furan-2-yl)methyl)benzenesulfonamide

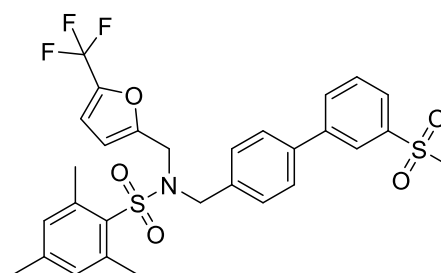
**EUBOPEN ID:** EUB0000183b

**Molecular Formula:** C<sub>29</sub>H<sub>28</sub>F<sub>3</sub>NO<sub>5</sub>S<sub>2</sub>

**Molecular Weight:** 591.66 g/mol

**Smiles:** CC1=CC(C)=C(S(=O)(=O)N(CC2=CC=C(C(F)(F)F)O2)CC3=CC=C(C4=CC(S(=O)(=O)C)=C4)C=C3)=O)C(C)=C1

**Recommended concentration:** 3 μM



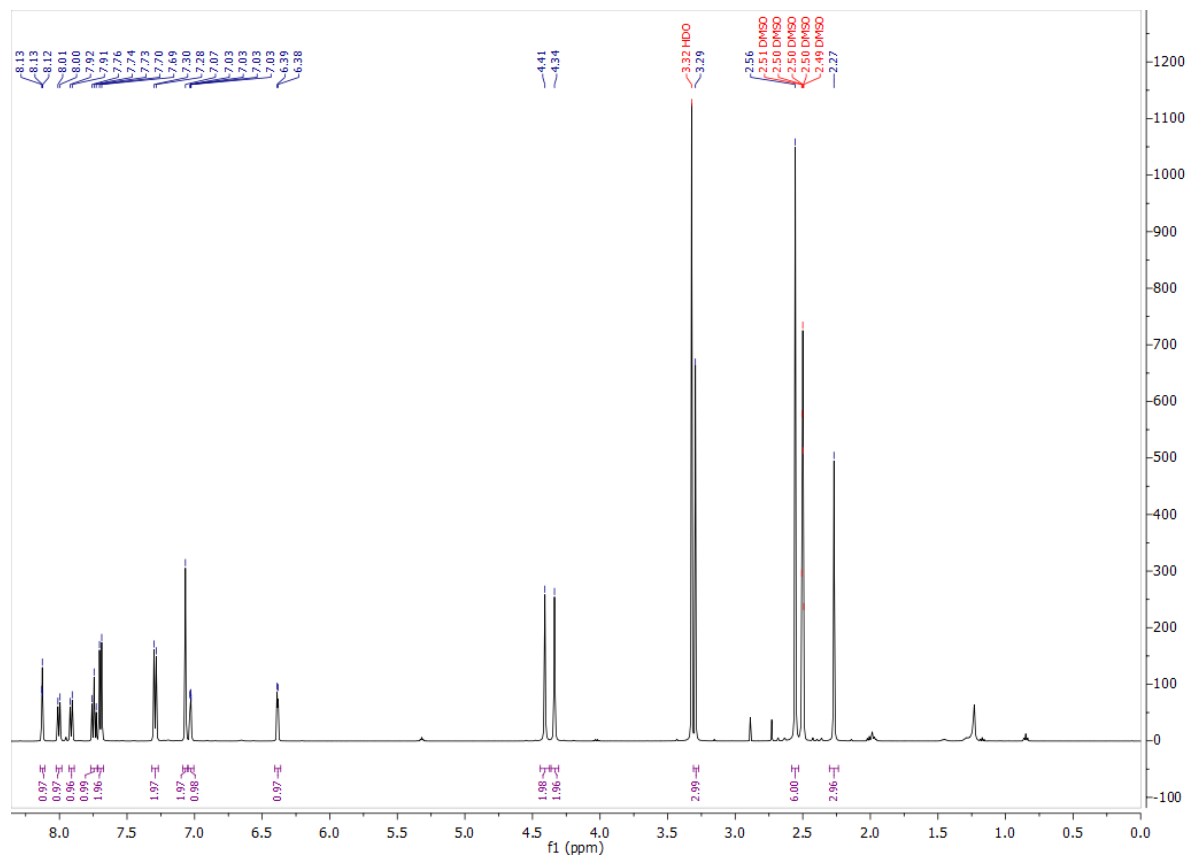
### Biological activity

		Type	IC <sub>50</sub> /EC <sub>50</sub> [μM]	Reference
Main NR target:	NR1H3 (LXRα)	Antagonist	0.1	<a href="https://doi.org/10.1021/jm901797p">https://doi.org/10.1021/jm901797p</a>
	NR1H2 (LXRβ)	Antagonist	0.04	
NR off-target:				

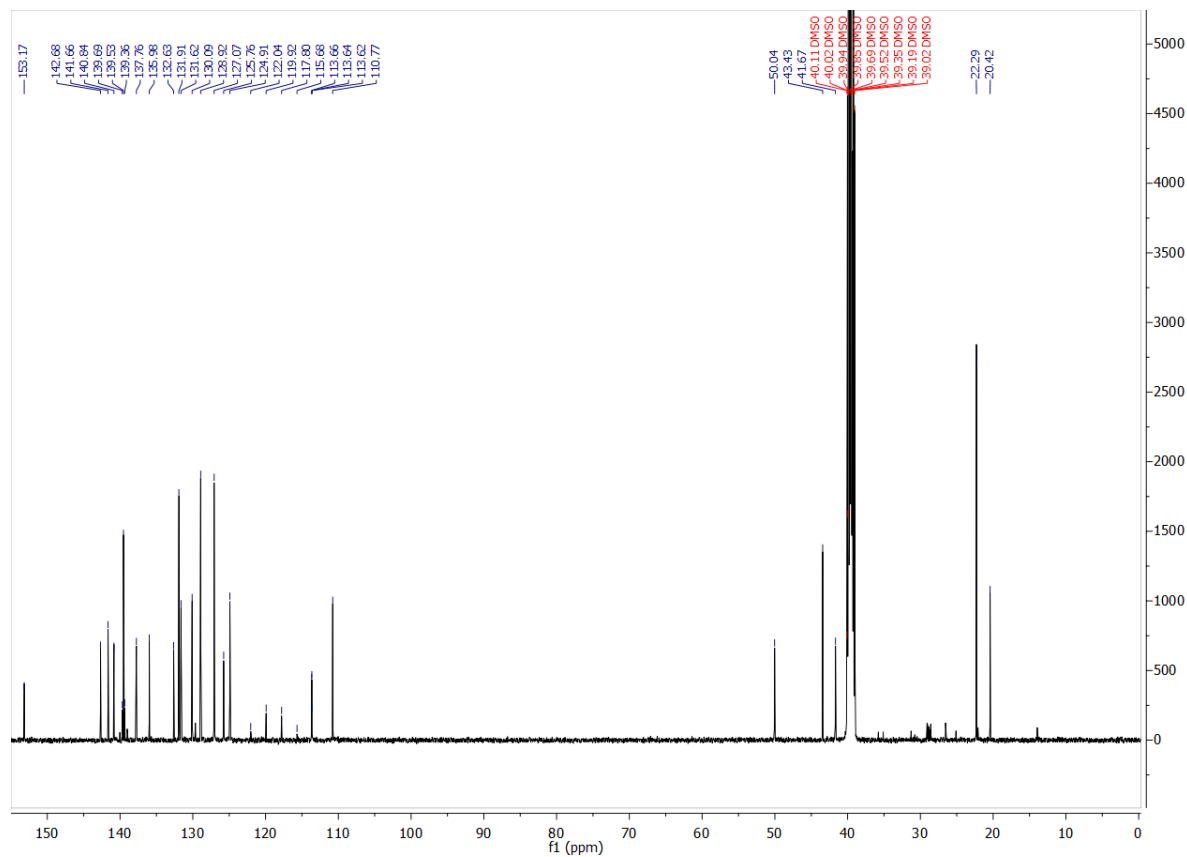
# COMPOUND INFORMATION

## Identity

### <sup>1</sup>H NMR



### <sup>13</sup>C NMR



# COMPOUND INFORMATION

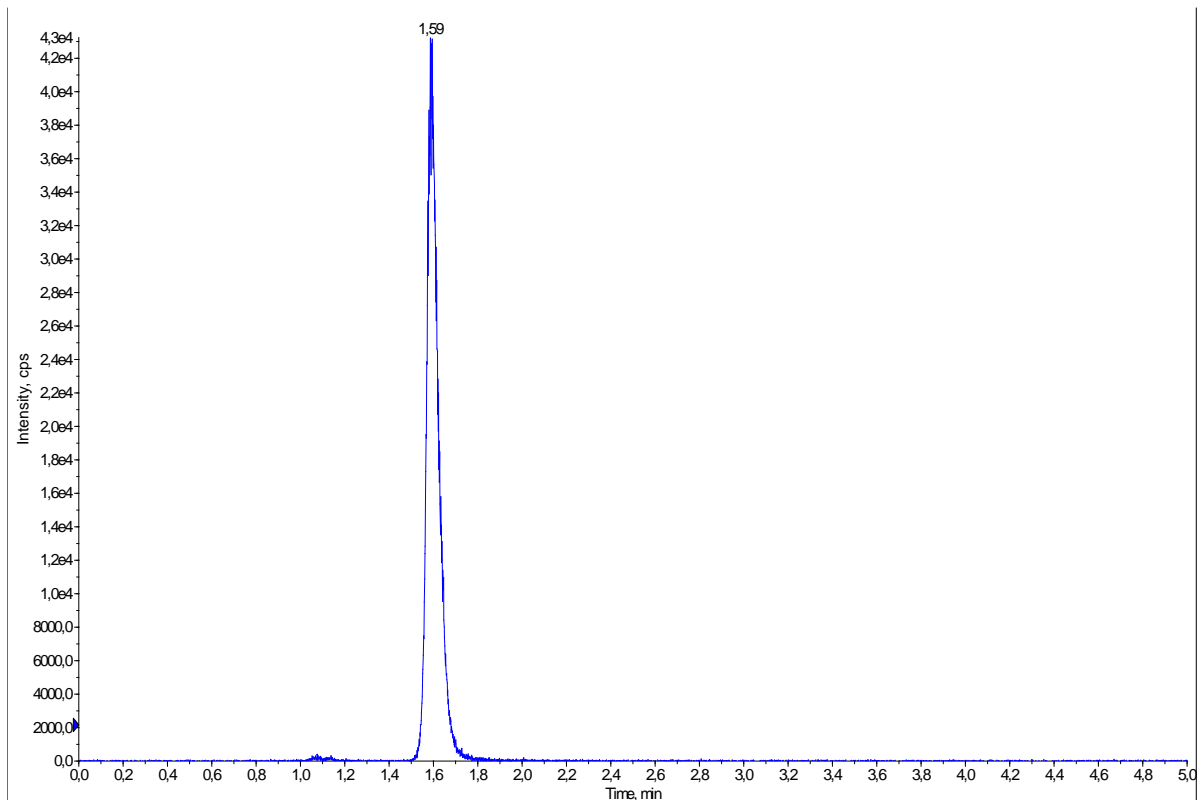
## Purity

LC-MS

$M_r$  591.66

MS: ESI-positive, m/z 592/245

LC: 0.1% HCOOH/ACN (20/80)



# COMPOUND INFORMATION

## LC-UV

LC: 0.1% HCOOH/ACN (30/70)

DAD: 210, 230, 240, 254 (XWC), 280 nm

