

AHPN (CD437)

CAS Registry No.: 125316-60-1

Formal Name: 6-(3-(adamantan-1-yl)-4-hydroxyphenyl)-2-naphthoic acid

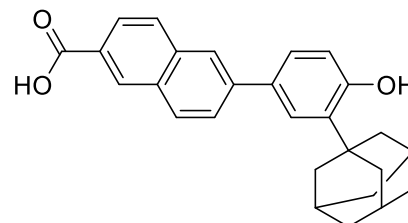
EUbOPEN ID: EUB0000568a

Molecular Formula: C₂₇H₂₆O₃

Molecular Weight: 398.50 g/mol

Smiles:
C1C2CC3CC1CC(C2)(C3)C4=C(C=CC(=C4)C5=CC6=C(C=C5)C=C(C=C6)C(=O)O)O

Recommended concentration: 1 μM



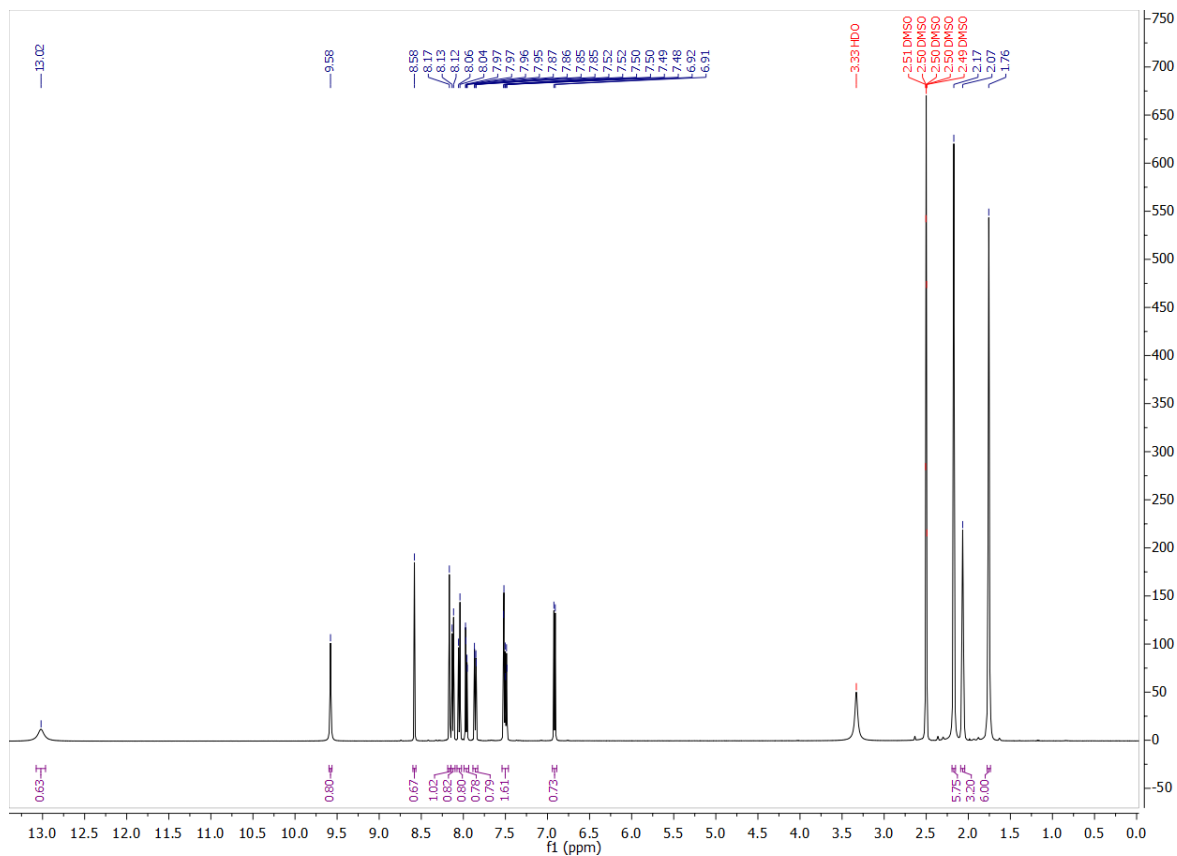
Biological activity

| | | Type | IC ₅₀ /EC ₅₀ [μM] | Reference |
|-----------------|--------------|---------|--|---|
| Main NR target: | NR1B2 (RARβ) | Agonist | 0.2 | https://doi.org/10.1016/j.bmcl.2018.04.036 |
| | NR1B3 (RARγ) | Agonist | 0.05 | |
| NR off-target: | | | | |

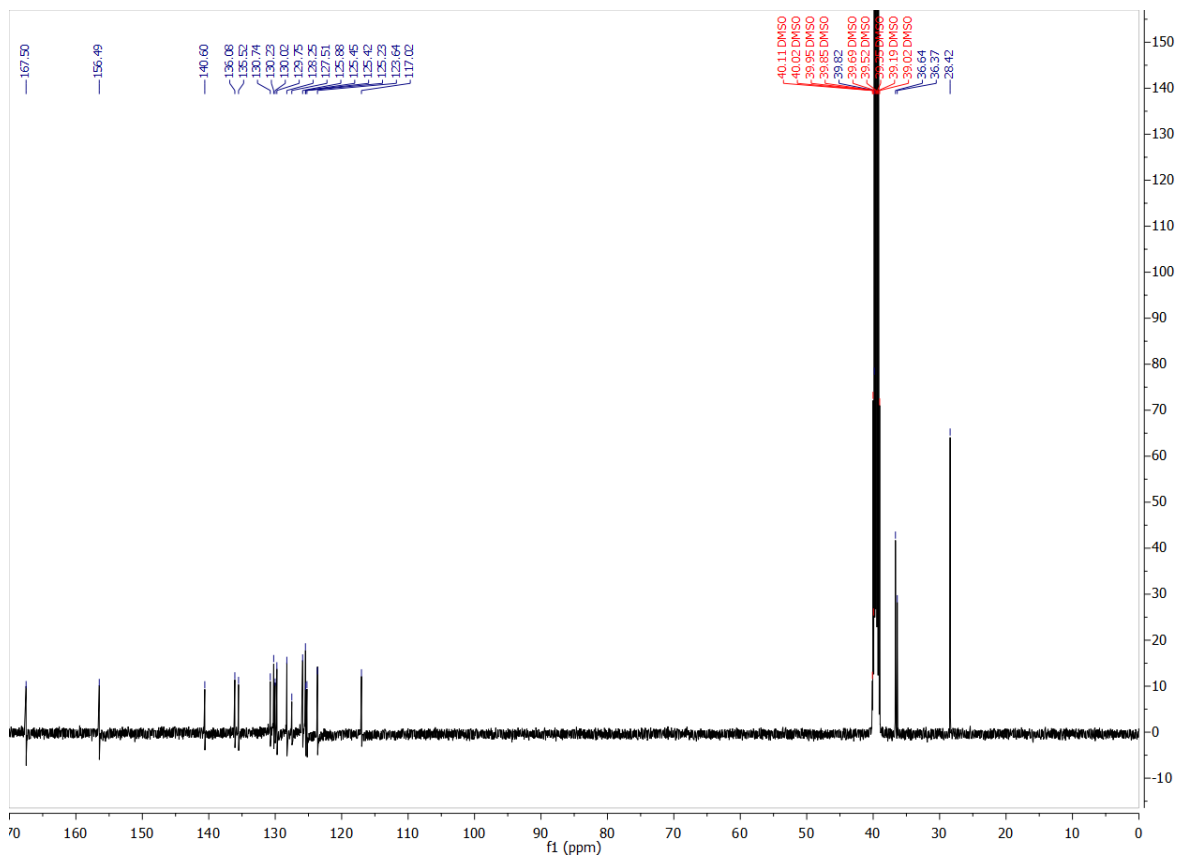
COMPOUND INFORMATION

Identity

¹H NMR



¹³C NMR



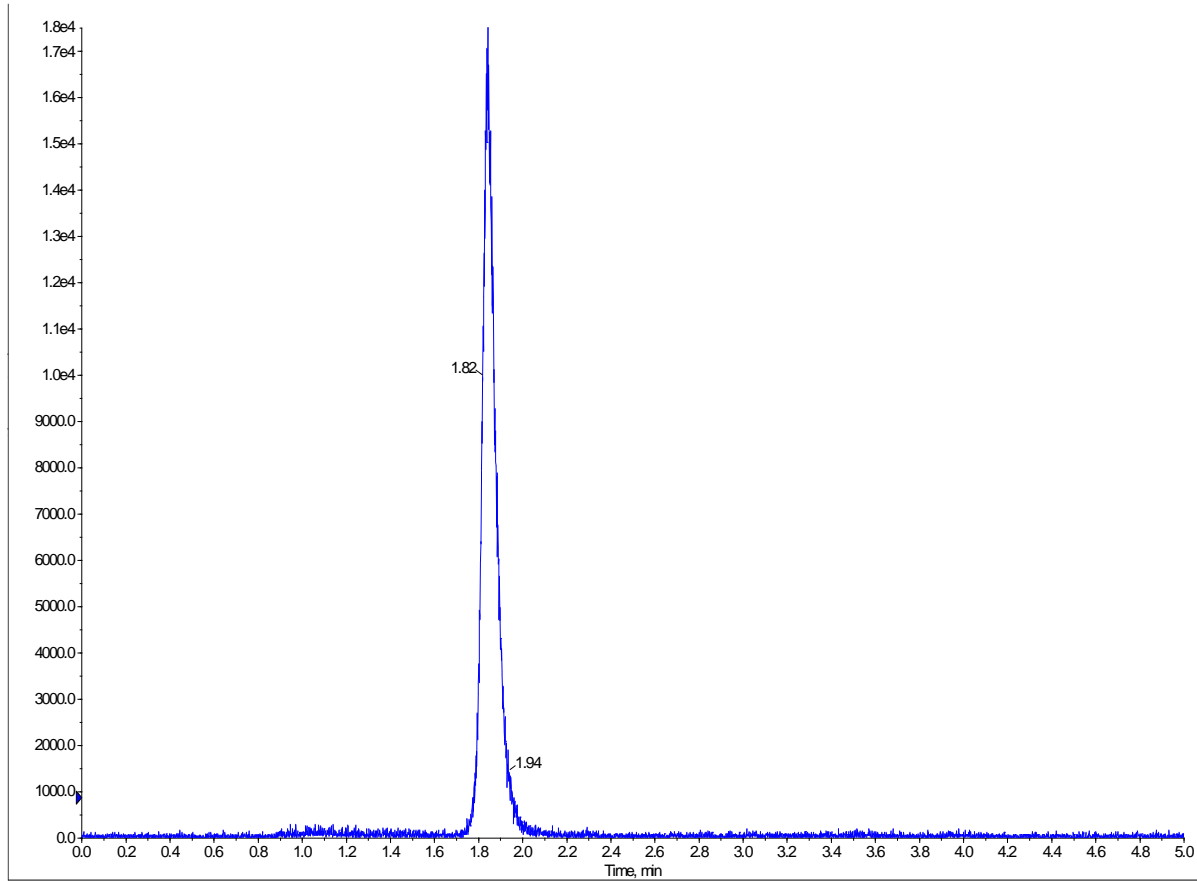
COMPOUND INFORMATION

Purity

M_r 398.50

MS: ESI-negative, m/z 397/353

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



COMPOUND INFORMATION

LC-UV

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

DAD: 230, 254, 270 (XWC), 280, 300 nm

