SUPPLEMENTARY DATA FOR

Novel FFA1 (GPR40) agonists containing spirocyclic periphery: polar azine periphery as a driver of potency

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Contents

Copies of $^1$H and $^{13}$C NMR spectra of compounds 2a-i and 4a-i  
Pp. 2-19
Compound 2a:
Compound 2b:
Compound 2c:

dmsa d6 8678

Compound 2c:

Dmsa d6 8679
Compound 2d:
Compound 2e:
Compound 2g:

[Chemical structures and spectra images]
Compound 2h:
Compound 2i:
Compound 4a:

2 HCl
dmso d6 8005

2 HCl
dmso d6 8014
Compound 4b:
Compound 4c:
Compound 4d:
Compound 4e:

**HNMR HCl**

**2HCl**  
**dmso d6 7651**

**1H NMR HCl**

**2HCl**  
**dmso d6 7850**
Compound 4f:
Compound 4g:
Compound 4h:

[Chemical structure image]

2HCl
dimso ds 8009
Compound 4i: