

AAIC 2022

Poster #122

Title: Development of Stable, Orally Bioavailable Small-Molecule Positive Modulators of HGF/MET Signaling for the Treatment of Cognitive Impairment

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Supplemental methods

Solubility

- Solubility was assessed by turbidity assay measuring optical clarity of aqueous solutions at 620 nM
- Compounds were considered soluble in the absence of measurable turbidity at a concentration of 300 μ M

Stability

- Compound stability was assessed by quantification of remaining compound following 4-hour incubation in simulated digestive fluids and blood plasma from rats and humans
- Compounds were considered stable if at least 50% remained at the end of a 4-hour incubation period in all fluid categories

Permeability

- Membrane permeability was predicted using a parallel artificial membrane permeability assay (PAMPA, Corning Cat#353015) using manufacturer's instructions
- Permeability measurements of $P_e > 2E-6$ cm/s were considered acceptable for further development