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Identification of compounds acting as negative allosteric modulators of the LPA 1 receptor

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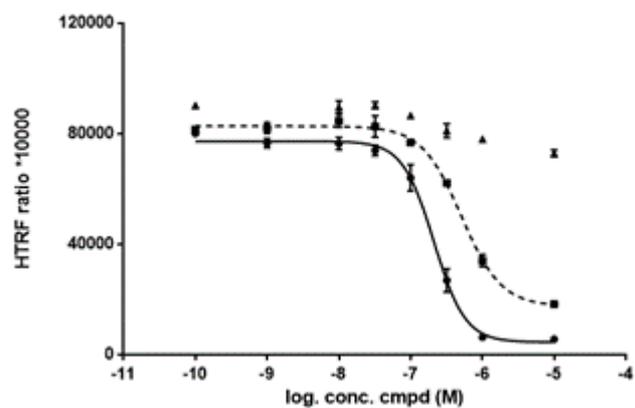
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Representative graph to demonstrate the inhibitory activity of compounds in an LPA driven cAMP accumulation assay using Met5a cells. A four parameter curve fit algorithm was used to define compound potency. TAK-615 (▲) showed no inhibition, SAR-100842 (■) & BMS-986202 (●) showed full inhibition consistent with data generated using a recombinant cell line. This supports the use of Met5a cells to measure the effect of compounds on LPA driven activation of RhoA.