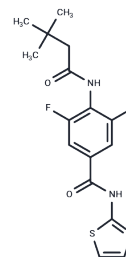


Lu AA41063

## Chemical Properties

CAS No. : 851202-49-8  
 Formula: C<sub>16</sub>H<sub>17</sub>F<sub>2</sub>N<sub>3</sub>O<sub>2</sub>S  
 Molecular Weight: 353.39  
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year  
 Actual storage temperature shall be subject to the COA.



## Biological Description

Description	Lu AA41063 is a potent and selective antagonist of the hA2A receptor.
Targets(IC50)	Others, Adenosine Receptor

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8297 mL	14.1487 mL	28.2973 mL
5 mM	0.5659 mL	2.8297 mL	5.6595 mL
10 mM	0.283 mL	1.4149 mL	2.8297 mL
50 mM	0.0566 mL	0.283 mL	0.5659 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

## Reference

Mikkelsen GK, Langgård M, Schrøder TJ, Kreilgaard M, Jørgensen EB, Brandt G, Griffon Y, Boffey R, Bang-Andersen B. Synthesis and SAR studies of analogues of 4-(3,3-dimethyl-butylamino)-3,5-difluoro-N-thiazol-2-yl-benzamide (Lu AA41063) as adenosine A2A receptor ligands with improved aqueous solubility. *Bioorg Med Chem Lett.* 2015 Mar 15;25(6):1212-6. doi: 10.1016/j.bmcl.2015.01.062. Epub 2015 Feb 7. PubMed PMID: 25701253.

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