

Product Data Sheet

Product Name: G6PD activator AG1

Cat. No.: GC36096

Chemical Properties

Cas. No. 421581-52-4

SMILES C1(CCNCCSSCCNCCC2=CNC3=C2C=CC=C3)=CNC4=C1C=CC=C4

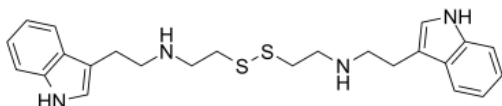
Formula $C_{24}H_{30}N_4S_2$ M.Wt 438.65

Solubility DMSO: 20.83 mg/mL (47.49 mM) Storage Store at -20°C, unstable in solution, ready to use.

General tips For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution: ship with blue ice. All other available size: ship with RT, or blue ice upon request.

Structure



Background

G6PD activator AG1 is a glucose-6-phosphate dehydrogenase (G6PD) activator with an EC50 of 3 ± 181 μM, extracted from patent WO2019023264A1, compound AG1[1]. IC50: 3 ± 181 μM (G6PD)[1].

[1]. <https://patents.google.com/patent/WO2019023264A1/en?q=WO2019023264A1>

Caution: Product has not been fully validated for medical applications. For research use only.

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