
Product Data Sheet

Product Name: 1,2,3,4,5,6-Hexabromocyclohexane

Cat. No.: GC17055

Chemical Properties

Cas. No. 1837-91-8

Chemical Name 1,2,3,4,5,6-hexabromocyclohexane

SMILES C1(C(C(C(C(C1Br)Br)Br)Br)Br)BrFormula $C_6H_6Br_6$ M.Wt 557.54Solubility $\geq 8.2\text{mg/mL}$ in DMSO with gentle warming Storage Store at RT

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**

Potently and directly inhibits JAK2 tyrosine kinase autophosphorylation, specifically inhibiting ligand-dependent JAK2 activation. A 16-hour treatment with 1 μM of compound reduces JAK2 tyrosine autophosphorylation levels to $\sim 50\%$ while 50 μM eliminates nearly all JAK2 activity. Non-cytotoxic at 100 μM .

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

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