
Product Data Sheet

Product Name: STING agonist-3 trihydrochloride

Cat. No.: GC69962

Chemical Properties

Cas. No.

Formula $C_{37}H_{45}Cl_3N_{12}O_6$ M.Wt 860.19

Solubility Storage 4°C, protect from light, stored under nitrogen

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

cancer^[1].

STING agonist-3 trihydrochloride exhibits a pEC₅₀ value of 7.5 in activation of STING in cells, this assay is determined using a luciferase reporter assay in human embryonic kidney cells (HEK293T) co-transfected with plasmids expressing STING and the enzyme firefly luciferase driven by the interferon stimulated response element promoter^[1]. STING agonist-3 trihydrochloride exhibits a pIC₅₀ value of 9.5 in FRET assay. This is a competition binding assay which aims to determine the binding potency of molecules to the C-terminal Domain (CTD) of human STING^[1].

[1]. Adam Kenneth, et al. Heterocyclic amides useful as protein modulators. patent WO2017175147A1

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

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