

C-178, STING antagonist

Catalog	Unit
TBI4131-10MG	10 mg
TBI4131-50MG	50 mg

Product Details

Formal Name: N-3-Dibenzofuranyl-5-nitrofuranyl-2-carboxamide

Molecular Formula: C₁₇H₁₀N₂O₅

Formula Weight: 322.28

CAS Number: 329198-87-0

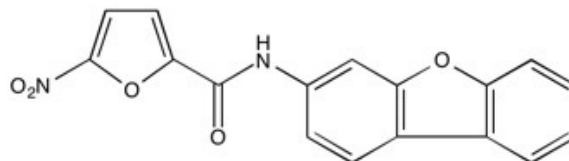
Purity: >98%

Formulation: powder

Solubility: Soluble in DMSO (up to 25 mg/ml)

Storage: -20°C

Stability: ≥ 1 year.



Applications

STING antagonist

Functions

C-178 is an inhibitor of the signaling molecule STING in mouse cells. It covalently binds to Cys91 of STING preventing activation via blockade of palmitoylation at Cys91.

Application Procedures

First dissolved in DMSO (up to 25 mg/ml), then diluted to aqueous buffer. Solutions in DMSO may be stored at -20°C for up to 3 months.

For research use only.