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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Information

Description**Background:**

GW788388 is an inhibitor of TGF- β receptor kinases ALK4 (, ALK5, ALK7, and TGF β RII. GW788388 is a potent inhibitor of the TGF- β receptor type 1 (T β RI) and blocks the activation by TGF- β 1 of Smad, having an impact on EMT (epithelial to mesenchymal transition of tissues and cells. The use of this inhibitor has proved relevant in the treatment of Chagas heart disease, by reducing cardiac fibrosis.

Chemical Name:

4-(4-(3-(Pyridin-2-yl)-1H-pyrazol-4-yl)pyridin-2-yl)-N-(tetrahydro-2H-pyran-4-yl)benzamide

Molecular Formula:

C₂₅H₂₃N₅O₂

Supplied As:

Solid

Solubility:

Soluble in DMSO (18 mg/ml with warming)

Storage/Stability:

Upon receipt, store at -20°C. Stable for 2 years from date of receipt, when stored as directed. Solutions are stable for up to 1 month at -20°C.

MW:

425.49 Da

Cas No.

452342-67-5

Purity:

≥98% by HPLC

References:

Lho Y., *et al.*, 2021 *Int J Mol Sci* 22(9):4739.

Chemical Structure

