

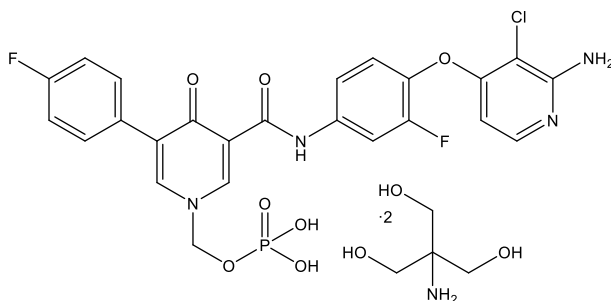
Catalog #10-3971

SCR-1481B1

CAS# 1174161-86-4

[3-[[4-(2-Amino-3-chloropyridin-4-yl)oxy-3-fluorophenyl]carbonyl]-5-(4-fluorophenyl)-4-oxopyridin-1-yl]methyl dihydrogen phosphate; di 2-amino-2-(hydroxymethyl)propane-1,3-diol salt; Metatinib tromethamine

Lot # FBS4044



SCR-1481B1 is an inhibitor of HGFR (Met) and VEGFR kinases.¹ SCR-1481B1 potently suppresses gasdermin D-mediated pyroptosis *via* targeting of the oligomerization interface I.² Active *in vivo* in a mouse model of sepsis. SCR-1481B1 acts synergistically with another gasdermin D inhibitor, Cefcapene pivoxil (Cat #10-3972), and a PD-L1 antibody to significantly enhance the antitumor activity of anti-PD-L1 therapy.

- 1) Borzilleri and Cai (2012), *4-Pyridone compounds and their use for cancer*, US8258118B2
- 2) Hu *et al.* (2024), *Identification of two repurposed drugs targeting GSDMD oligomerization interface I to block pyroptosis*; Cell Chem. Biol. **31** P2024

PHYSICAL DATA

Molecular Weight:	821.12
Molecular Formula:	C ₂₄ H ₁₈ ClF ₂ N ₄ O ₇ P·2C ₄ H ₁₁ NO ₃
Purity:	>98% (HPLC)
	NMR: (Conforms)
Solubility:	DMSO (>25 mg/mL)
Physical Description:	White solid
Storage and Stability:	Store as supplied at -20°C for up to 2 years from the date of purchase. Solutions in DMSO may be stored at -20°C for up to 3 months.

Materials provided by Focus Biomolecules are for laboratory research use only and are not intended for human or veterinary applications.

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