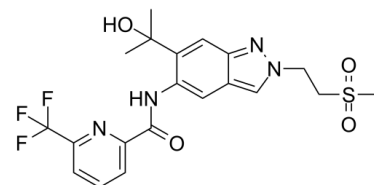


Data Sheet

Product Name:	Zabedoseritib
Cat. No.:	CS-0198831
CAS No.:	1931994-81-8
Molecular Formula:	C ₂₀ H ₂₁ F ₃ N ₄ O ₄ S
Molecular Weight:	470.47
Target:	IRAK
Pathway:	Immunology/Inflammation
Solubility:	DMSO : 125 mg/mL (265.69 mM; ultrasonic and warming and heat to 60°C)



BIOLOGICAL ACTIVITY:

Zabedoseritib (BAY 1834845) is a **IRAK4** inhibitor with immunomodulatory potential. IRAK4 is a protein kinase involved in signaling innate immune responses from Toll-like receptors^[1].

References:

[1]. Bothe, Ulrich; Siebenreicher, Holger; Schmidt, Nicole; Nubbemeyer, Reinhard; Boemer, Ulf; Guenther, Judith; Steuber, Holger; Lange, Martin; Stegmann, Christian; Sutter, Andreas; et al. New substituted indazoles, methods for the production thereof, pharmaceutical preparations that contain said new substituted indazoles, and use of said new substituted indazoles to produce drugs. WO2016083433A1

CAIndexNames:

2-Pyridinecarboxamide, N-[6-(1-hydroxy-1-methylethyl)-2-[2-(methylsulfonyl)ethyl]-2H-indazol-5-yl]-6-(trifluoromethyl)-

SMILES:

O=C(C1=CC=CC(C(F)(F)F)=N1)NC2=CC=CN(CCS(=O)(C)=O)N=C3C=C2C(C)(C)O

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

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