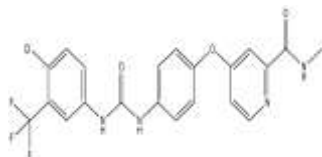


BAY 43-9006, Free base

Alternate name: Sorafenib

CATALOG #: 2142-25 25 mg
2142-100 100 mg

STRUCTURE:



MOLECULAR FORMULA: C₂₁H₁₆ClF₃N₄O₃

MOLECULAR WEIGHT: 464.82

CAS NUMBER: 284461-73-0

APPEARANCE: Off-white Solid

Solubility: DMSO (200 mg/ml)

PURITY: ≥99% by HPLC

STORAGE: Store at -20° C. Protect from air and light

DESCRIPTION: A free base form of BAY 43-9006 (Sorafenib) (Cat. No. 1594-25,100). Acts as an inhibitor of Raf-1 and B-Raf (IC₅₀ = 6 and 22 nM, respectively), as well as several receptor tyrosine kinases, including VEGFR2, VEGFR3, PDGFRβ, FLT3, and c-Kit (IC₅₀ = 90, 15, 20, 57, and 58 nM, respectively). It poorly inhibits ERK1, MEK1, and several other kinases (IC₅₀ = >10 μM).

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

RELATED PRODUCTS:

A 83-01 (Cat. No. 1725-1)
 ABT-869 (Cat. No. 1615-1,5)
 Axitinib (Cat. No. 1581-5, 25)
 BIBW2992 (Cat. No. 1616-1,5)
 BMS-599626 (Cat. No. 1614-1,5)
 Bosutinib (Cat. No. 1584-5, 25)
 Canertinib (Cat. No. 1617-5)
 Carbozantinib (Cat. No. 1935-5, 25)
 Cediranib (Cat. No. 1613-1,5)
 CP-690550 (Cat. No. 1622-5,25)
 Crizotinib (Cat. No. 1934-5, 25)
 Dasatinib (Cat. No. 1586-25, 100)
 EZSolution™ Dasatinib (Cat. No. 2029-25)
 Emodin (Cat. No. 1875-25, 100)
 Enzastaurin (LY317615)(Cat. No. 1619-1,5)
 Erlotinib, Hydrochloride Salt (Cat. No. 1588-100,1000)
 Erlotinib, Free base (Cat. No. 2048-100, 1000)
 EZSolution™ Staurosporine (Cat. No. 1745-01)
 Gefitinib (Cat. No. 1589-5,25)
 Genistein (Cat. No. 1533-10, 100)
 Go 6976 (Cat. No. 1711-500)
 Imatinib Mesylate (Cat. No. 1625-100, 1000)
 Lapatinib Ditosylate (Cat. No. 1624-25,100)
 Motesanib (Cat. No. 2023-5, 25)
 Nilotinib (Cat. No. 1750-25, 100)
 PD 153035, Hydrochloride (Cat. No. 1656-2)
 PD173074 (Cat. No. 1675-1)
 Saracatinib (Cat. No. 1582-5, 25)
 SB-431542 (Cat. No. 1674-1)
 Sorafenib (Cat. No. 1594-5, 25)
 Staurosporine (Cat. No. 1048-01,1)
 Tamoxifen Citrate (Cat. No. 1551-1000)
 SU 1498 (Cat. No. 1836-1,5)
 SU-5402 (Cat. No. 1645-05)
 SU 6668 (Cat. No. 1931-5, 25)
 SU 11274 (Cat. No. 1938-5, 25)
 Sunitinib Malate (Cat. No. 1611-100, 1000)
 Tandutinib (Cat. No. 2024-5, 25)
 Vandetanib (Cat. No. 1751-25, 100)
 Vatalanib DiHCl Free Base (Cat. No. 2025-5, 25)

FOR RESEARCH USE ONLY! Not to be used in humans.