

AZD 6244, ERK inhibitor

Catalog	Unit
TBI4509-10MG	10mg
TBI4509-50MG	50mg

Product Details

Alternate Names: ARRY-142886; Selumetinib

Molecular Formula: C₁₇H₁₅BrClFN₄O₃

Formula Weight: 457.68

CAS Number: 606143-52-6

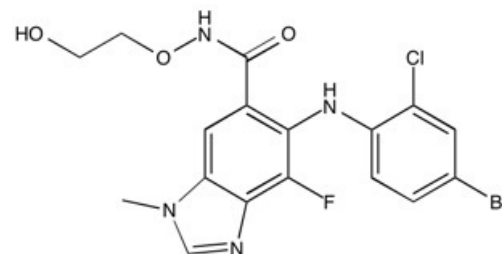
Purity: >98%

Formulation: powder

Solubility: Soluble in DMSO (up to 50 mg/ml) or in Ethanol (up to 2 mg/ml)

Storage: -20°C

Stability: ≥ 1 year.



Applications

ERK inhibitor

Functions

AZD6244 is a potent, selective, and non-ATP competitive inhibitor of MEK1/2 (IC₅₀ MEK1 = 14 nM) and ERK 1/2 phosphorylation (IC₅₀ = 10 nM). AZD 6244 is in clinical trials for treating various cancers.

Application Procedures

First dissolved in DMSO (up to 50 mg/ml) or in Ethanol (up to 2 mg/ml), then diluted to aqueous buffer. Solutions in DMSO or Ethanol may be stored at -20°C for up to 2 months.

For research use only.