

HIF-2a-I2, HIF-2 antagonist

Catalog	Unit
TBI1508-5MG	5 mg
TBI1508-25MG	25 mg

Product Details

Formal Name: N-(3-chloro-5-fluorophenyl)-4-nitro-2,1,3-benzoxadiazol-5-amine

Alternate Names: TC-S 7009

Molecular Formula: C₁₂H₆ClFN₄O₃

Formula Weight: 308.65

CAS Number: 1422955-31-4

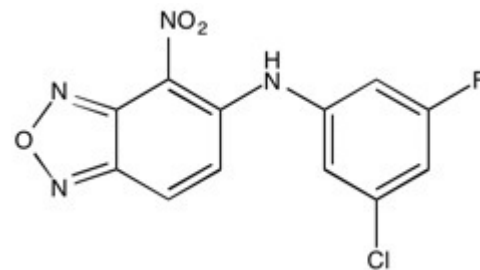
Purity: >98%

Formulation: powder

Solubility: Soluble in DMSO (up to 30 mg/ml) or in DMF (up to 35 mg/ml)

Storage: -20°C

Stability: ≥ 1 year.



Applications

HIF-2 antagonist

Functions

Potent and selective HIF-2 α inhibitor, K_d=81 nM. Binds to the HIF-2 α PAS-B domain and interferes with Hif-2 α / ARNT heterodimerization reducing target gene expression in a cellular model. Highly selective for HIF-2 α displaying a >60-fold selectivity over HIF-1 α .

Application Procedures

First dissolved in DMSO (up to 30 mg/ml) or in DMF (up to 35 mg/ml), then diluted to aqueous buffer. Solutions in DMSO or DMF may be stored at -20°C for up to 1 month.

For research use only.