

Product Information

Product ID K5606

CAS No. 454453-49-7

Chemical Name 2-[2,6-Dinitro-4-(trifluoromethyl)phenyl]-N-(4-fluorophenyl)hydrazinecarbothioamide

Synonym 2-[2,6-Dinitro-4-(trifluoromethyl)phenyl]-N-(4-fluorophenyl)hydrazinecarbothioamide

Formula C₁₄H₉F₄N₅O₄S

Formula Wt. 419.31

Melting Point

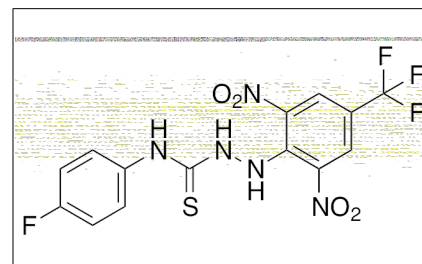
Purity ≥98%

Solubility DMSO: 15 mg/mL

Store Temp -20° C

Ship Temp Ambient

Description Kobe 2602 is an inhibitor of Ras that exhibits anticancer chemotherapeutic activities. In vitro, this compound inhibits cell growth and induces apoptosis and in vivo, it decreases tumor growth.



Bulk quantities available upon request

Product ID	Size
K5606	10 mg
K5606	50 mg
K5606	100 mg

References Shima F, Yoshikawa Y, Ye M, et al. In silico discovery of small-molecule Ras inhibitors that display antitumor activity by blocking the Ras-effector interaction. *Proc Natl Acad Sci U S A*. 2013 May 14;110(20):8182-7. PMID: 23630290.

Shima F, Yoshikawa Y, Matsumoto S, et al. Discovery of small-molecule Ras inhibitors that display antitumor activity by interfering with Ras-GTP-effector interaction. *Enzymes*. 2013;34 Pt. B:1-23. PMID: 25034098.

Caution: This product is intended for laboratory and research use only. It is not for human or drug use.