

MoTP, Induces melanocyte ablation

Catalog	Unit
TBI1124-5MG	5 mg
TBI1124-25MG	25 mg

Product Details

Formal Name: 4-(4-Morpholinobutylthio)phenol

Molecular Formula: C₁₄H₂₁NO₂S

Formula Weight: 267.39

CAS Number: 57055-82-0

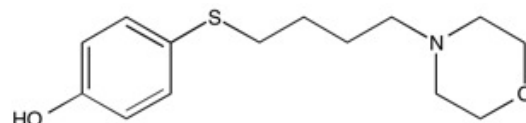
Purity: >98%

Formulation: powder

Solubility: Soluble in DMSO (up to 25 mg/ml) or in Ethanol (up to 25 mg/ml).

Storage: RT

Stability: ≥ 2 years.



Applications

Induces melanocyte ablation

Functions

Specifically ablates zebrafish larval melanocytes. Melanocytotoxicity is dependent on tyrosinase activity. A useful tool for elucidating melanocyte stem cell regeneration, recruitment and maintenance.

Application Procedures

First dissolved in DMSO (up to 25 mg/ml) or in Ethanol (up to 25 mg/ml), then diluted to aqueous buffer. Solutions in DMSO or ethanol may be stored at -20°C for up to 1 month.

For research use only.