



## U 0126

### MEK1/2 Inhibitor

E1B1901

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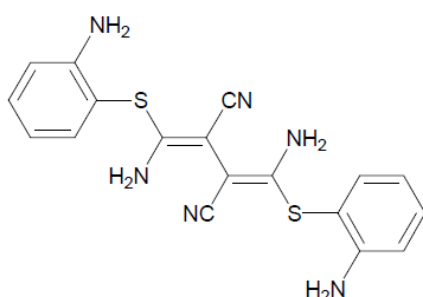
Bis[amino[(2-aminophenyl)thio]methylene]butanedinitrile

CAS NO: 109511-58-2

CATALOG NO.: E1B1901

Package: 1mg (10mg/ml in DMSO, 100ul)

STRUCTURE:

MOLECULAR FORMULA: C<sub>18</sub>H<sub>16</sub>N<sub>6</sub>S<sub>2</sub>

MOLECULAR WEIGHT: 380.5

PURITY: 95% (TLC: 5% MeOH/methylene chloride; R<sub>f</sub> = 0.60)

STORAGE: Store solutions at - 20°C for up to 1 year.

APPLICATION NOTES: A novel, potent and selective MEK inhibitor (MEK1 IC<sub>50</sub> = 72 nM, MEK2 IC<sub>50</sub> = 58 nM).

## REFERENCES:

1. M.F. Favata *et al.* *J.Biol.Chem.* 1998 **273** 18623

**The pharmacological and toxicological properties of this product have not been fully investigated. Exercise caution in use and handling. This product must not be used in humans.**

**For Research Use Only**