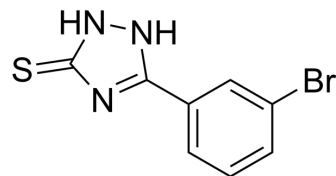


## Tyrosinase-IN-16

Cat. No.:	HY-125762
CAS No.:	126651-85-2
Molecular Formula:	C <sub>8</sub> H <sub>6</sub> BrN <sub>3</sub> S
Molecular Weight:	256.12
Target:	Tyrosinase
Pathway:	Metabolic Enzyme/Protease
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



### BIOLOGICAL ACTIVITY

#### Description

Tyrosinase-IN-16 (compound 19a) is a tyrosine kinase (Tyrosinase) inhibitor with  $K_i=470$  nM. Tyrosinase-IN-16 is cytotoxic to B16F10 cells, with >90% inhibition at 20  $\mu\text{M}$ <sup>[1]</sup>.

### REFERENCES

[1]. Choi J, et al. Ensemble-Based Virtual Screening Led to the Discovery of New Classes of Potent Tyrosinase Inhibitors. J Chem Inf Model. 2016 Feb 22;56(2):354-67.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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