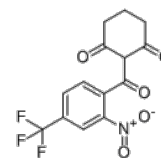


**Product Name** : Nitisinone  
**Cat. No.** : PC-21242  
**CAS No.** : 104206-65-7  
**Molecular Formula** : C<sub>14</sub>H<sub>10</sub>F<sub>3</sub>NO<sub>5</sub>  
**Molecular Weight** : 329.23  
**Target** : Other Targets  
**Solubility** : 10 mM in DMSO



## Biological Activity

Nitisinone (NTBC, Nitisonone, SC0735) is a potent, orally active, competitive and reversible 4-hydroxyphenylpyruvate dioxygenase (4-HPPD) inhibitor with IC<sub>50</sub> of 173 nM.

Nitisinone (NTBC, Nitisonone, SC0735) promotes tyrosine accumulation in a dose-dependent manner.

4-HPPD is a target for treating type I tyrosinemia and other diseases with defects in tyrosine catabolism.

## References

**Caution: Product has not been fully validated for medical applications. Lab Use Only!**

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