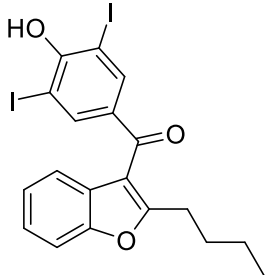


Product data sheet



MedKoo Cat#: 596522 Name: L-3373 CAS: 1951-26-4 Chemical Formula: C ₁₉ H ₁₆ I ₂ O ₃ Exact Mass: 545.9189 Molecular Weight: 546.1429	
Product supplied as:	Powder
Purity (by HPLC):	≥ 98%
Shipping conditions	Ambient temperature
Storage conditions:	Powder: -20°C 3 years; 4°C 2 years. In solvent: -80°C 3 months; -20°C 2 weeks.

1. Product description:

L-3373 is a bioactive chemical.

2. CoA, QC data, SDS, and handling instruction

SDS and handling instruction, CoA with copies of QC data (NMR, HPLC and MS analytical spectra) can be downloaded from the product web page under “QC And Documents” section. Note: copies of analytical spectra may not be available if the product is being supplied by MedKoo partners. Whether the product was made by MedKoo or provided by its partners, the quality is 100% guaranteed.

3. Solubility data

Solvent	Max Conc. mg/mL	Max Conc. mM
TBD	TBD	TBD

4. Stock solution preparation table:

Concentration / Solvent Volume / Mass	1 mg	5 mg	10 mg
1 mM	1.83 mL	9.16 mL	18.31 mL
5 mM	0.37 mL	1.83 mL	3.66 mL
10 mM	0.18 mL	0.92 mL	1.83 mL
50 mM	0.04 mL	0.18 mL	0.37 mL

5. Molarity Calculator, Reconstitution Calculator, Dilution Calculator

Please refer the product web page under section of “Calculator”

6. Recommended literature which reported protocols for in vitro and in vivo study

In vitro study

1. van Beeren HC, Bakker O, Wiersinga WM. Structure-function relationship of the inhibition of the 3,5,3'-triiodothyronine binding to the alpha1- and beta1-thyroid hormone receptor by amiodarone analogs. *Endocrinology*. 1996 Jul;137(7):2807-14. doi: 10.1210/endo.137.7.8770901. PMID: 8770901.

In vivo study

TBD

7. Bioactivity

Biological target:

L-3373 is a bioactive chemical.

In vitro activity

L3373 decreased dose-dependently K_a, but not M_{BC}, values of T3 binding to the beta1-T3R and clearly acted as a competitive inhibitor.

Reference: *Endocrinology*. 1996 Jul;137(7):2807-14. <https://pubmed.ncbi.nlm.nih.gov/8770901/>

In vivo activity

Product data sheet



TBD

Note: The information listed here was extracted from literature. MedKoo has not independently retested and confirmed the accuracy of these methods. Customer should use it just for a reference only.