



## Product Information

### Lipase inhibitor, URB602, Purity ≥98%

**Cat. No.:** X24-09-YM401

**Size:** 10 mg; 25 mg; 50 mg; 100 mg

**MDL:** MFCD08457914

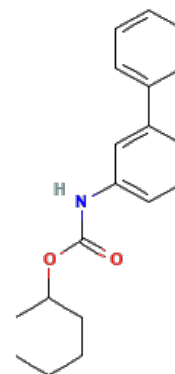
**CAS Number:** 565460-15-3

**Compound CID:** 10979337

**Synonym:** 565460-15-3; URB 602; URB-602; Cyclohexyl *N*

-(3-phenylphenyl)carbamate; Lipase inhibitor

**This product is for research use only and is not intended for diagnostic use.**



### Product Information

<b>Description</b>	URB602, soluble in DMSO and ethanol and insoluble in water, is an effective metabolism inhibitor, that has the ability to prevent the pathway of cell metabolism by inhibiting lipase. The molecular weight of the compound is 295.38, and its molecular formula is C <sub>19</sub> H <sub>21</sub> NO <sub>2</sub> .
<b>Molecular Weight</b>	295.38
<b>Molecular Formula</b>	C <sub>19</sub> H <sub>21</sub> NO <sub>2</sub>
<b>IUPAC Name</b>	Cyclohexyl <i>N</i> -(3-phenylphenyl)carbamate
<b>InChI</b>	InChI=1S/C19H21NO2/c21-19(22-18-12-5-2-6-13-18)20-17-11-7-10-16(14-17)15-8-3-1-4-9-15/h1,3-4,7-11,14,18H,2,5-6,12-13H2,(H,20,21)
<b>InChI Key</b>	HHVUFQYJOSFTEH-UHFFFAOYSA-N
<b>Canonical SMILES</b>	C1CCC(CC1)OC(=O)NC2=CC=CC(=C2)C3=CC=CC=C3
<b>Form</b>	Lyophilized powder
<b>Purity</b>	≥98%
<b>Impurities</b>	Free from inappropriate visible particulates, foreign matter, discoloration, or other defects.
<b>Solubility</b>	<i>In vitro</i> : DMSO: 51 mg/mL (172.66 mM); Water: insoluble; Ethanol: 51 mg/mL (172.66 mM)
<b>Identity</b>	Confirmed by NMR/HPLC/MS.
<b>Stability</b>	In its lyophilized form, the chemical remains stable for 36 months.
<b>Quality Level</b>	Research grade
<b>Applications</b>	URB602 plays a key role in pain relief, neuroprotection, and mood regulation.
<b>Storage</b>	Store at -20°C, and keep desiccated.



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