

## Product Information

### CM 346, Purity $\geq 98\%$

**Cat. No.:** X24-09-YM1280

**Size:** 5 mg; 10 mg; 20 mg; 50 mg

**MDL:** MFCD01413136

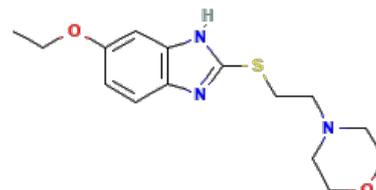
**CAS Number:** 173352-21-1

**Compound CID:** 9862937

**Synonym:** 173352-21-1; Obenoxazine; Afobazole; CM 346(obenoxazine); CM36;

CM-36; 4-[2-[(6-Ethoxy-1*H*-benzimidazol-2-yl)sulfanyl]ethyl]morpholine

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



### Product Information

<b>Description</b>	CM 346 is an anxiolytic compound. The molecular weight of the compound is 307.41, and its molecular formula is C <sub>15</sub> H <sub>21</sub> N <sub>3</sub> O <sub>2</sub> S.
<b>Molecular Weight</b>	307.41
<b>Molecular Formula</b>	C <sub>15</sub> H <sub>21</sub> N <sub>3</sub> O <sub>2</sub> S
<b>IUPAC Name</b>	4-[2-[(6-Ethoxy-1 <i>H</i> -benzimidazol-2-yl)sulfanyl]ethyl]morpholine
<b>InChI</b>	InChI=1S/C15H21N3O2S/c1-2-20-12-3-4-13-14(11-12)17-15(16-13)21-10-7-18-5-8-19-9-6-18/h3-4, 11H,2,5-10H2,1H3,(H,16,17)
<b>InChI Key</b>	WWNUCVSRRUDYPP-UHFFFAOYSA-N
<b>Canonical SMILES</b>	CCOC1=CC2=C(C=C1)N=C(N2)SCCN3CCOCC3
<b>Form</b>	Lyophilized powder
<b>Purity</b>	$\geq 98\%$
<b>Impurities</b>	Free from inappropriate visible particulates, foreign matter, discoloration, or other defects.
<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>	CM 346 can be studied extensively for its potential therapeutic applications in the treatment of cardiovascular diseases and disorders characterized by dysregulated calcium homeostasis, such as arrhythmias.
<b>Storage</b>	Store at -20°C, and keep desiccated.