

The chemical structure is 1-(4-chlorophenyl)-3-methoxy-2-(2-methylphenyl)propan-1-one. It features a central propanone chain. One end is attached to a 4-chlorophenyl group, and the other end is attached to a 2-methylphenyl group. A methoxy group is attached to the central carbon of the propanone chain. The structure is drawn with a central carbon atom bonded to a phenyl ring (with a chlorine atom at the para position), a methoxy group, and a 2-methylphenyl group. The propanone chain is shown with a carbonyl group and a methoxy group.

250

500

750

1000

1250

1500

1750

0

1000

2000

3000

4000