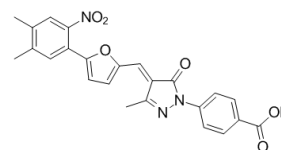


Product Name	: C646
Synonyms	: C646; C-646; C 646
Cat No.	: M14079
CAS Number	: 328968-36-1
Molecular Formula	: C ₂₄ H ₁₉ N ₃ O ₆
Formula Weight	: 445.42
Chemical Name	: (E)-4-((5-(4,5-dimethyl-2-nitrophenyl)furan-2-yl)methylene)-3-methyl-5-oxo-4,5-dihydro-1H-pyrazol-1-yl)benzoic acid
Description	: C646 is an inhibitor for histone acetyltransferase, and inhibits p300 with a K _i of 400 nM in a cell-free assay. Preferentially selective for p300 versus other acetyltransferases.
Pathway	: Chromatin/Epigenetic
Target	: Epigenetic Reader Domain
Receptor	: p300/CBP
Solubility	: DMSO: 13 mg/mL (29.18 mM)
SMILES	: <chem>O=C(O)C1=CC=C(C(=C1)C=C(C2=CC(=C(C=C2)C(=O)N2C(=C(C=C2)C)C(=O)N2C)C)C)C</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:



1. Bowers EM, et al. Chem Biol, 2010, 17(5), 471-482.