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Typical Product Specifications & Properties

Acid orange 51

CAS Number: : 8003-88-1

| Specifications | Limits |
|------------------|---|
| Molecular weight | 860.81 |
| SMILES | <chem>c1(cc(ccc1Nc1ccc(cc1)\N=N\c1ccc(c2cc(ccc12)S(=O)(=O)[O-])\N=N\c1cc(c(cc1)OS(=O)(=O)c1ccc(cc1)C)C)[N+](=O)[O-]S(=O)(=O)[O-].[Na+].[Na+]</chem> |
| InChI | HBINTOQGSKHKJHCUBATCWSA-L |
| InChIKey | 1S/C36H28N6O11S3.2Na/c1-22-3-11-28(12-4-22)56(51,52)53-35-18-9-26(19-23(35)2)39-41-33-17-16-32(30-14-13-29(21-31(30)33)54(45,46)47)40-38-25-7-5-24(6-8-25)37-34-15-10-27(42(43)44)20-36(34)55(48,49)50;;/h3-21,37H,1-2H3,(H,45,46,47)(H,48,49,50);:/q;2*+1/ |



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