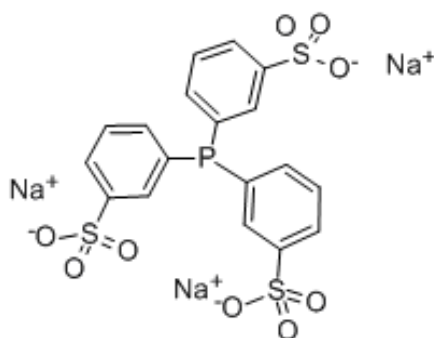


铈磷催化剂配体 (TPPTS)

产品名称: 三苯基磷三间磺酸钠盐 (TPPTS)

结构式:



分子式: $C_{18}H_{12}Na_3O_9PS_3$

分子量: 568.42

CAS: 63995-70-0

性能与应用:

具有良好的水溶性 (1.1kg/L 水), 是一种水溶性磷配体, 和过渡金属Rh、Ru、Pd等形成的水溶性配合物催化剂,用于水-有机两相催化体系,使均相配位(络合)催化反应在水相或两相界面进行,反应完成后催化剂和产物自动分为水-有机两相,有利于催化剂的循环使用和贵金属的分离回收。

质量指标:

| 项目 | 指标 |
|--------|------------------------------------|
| 外观 | 类白色固体粉末 |
| 氧化物含量 | 8%,max |
| 氧化物分子式 | $Na_3P(O)(C_6H_4SO_3) \cdot xH_2O$ |

Name Tris(3-sulfonatophenyl)phosphine,sodium salt

Molecular Formula $C_{18}H_{12}Na_3O_9PS_3$

Formula weight 568.42

CAS Number 63995-70-0

Performance and application:

TPPTS is a kind of water-soluble phosphine ligand, and it has good solubility in water (1.1kg/L). It can react with transition metal such as Rh,Ru,Pb formed a water- soluble complex catalyst which can be used for water - organic two phase catalytic system, and makes the homogeneous coordination reaction in an aqueous phase or two-phase interface. After the reaction, catalysts and products are automatically divided into water-organic two phase, that is better for the repeated use of catalyst and the separation and recovery of precious metals.

Quality Standard:

| Parameters | Specification |
|-------------------------|------------------------------------|
| Appearance | White solid power |
| The oxide content | 8%,max |
| Oxide molecular formula | $Na_3P(O)(C_6H_4SO_3) \cdot xH_2O$ |

水溶性铑磷络合催化剂

产品名称: 水溶性铑磷络合催化剂

分子式: $\text{RhH}(\text{CO})[\text{Na}_3\text{P}(\text{C}_6\text{H}_4\text{SO}_3)_3]_3 \cdot n\text{H}_2\text{O}$

分子量: 1837.21

铑含量: 4.9-5.1%

Name Water Soluble Rhodium-Phosphine Complex es Catalyst
Hydridocarbonyl tris-[(tris-3-sulfonatophenyl) phosphine sodium salt]
rhodium(I).nH₂O,

Molecular Formula $\text{RhH}(\text{CO})[\text{Na}_3\text{P}(\text{C}_6\text{H}_4\text{SO}_3)_3]_3 \cdot n\text{H}_2\text{O}$

Formula weight 1837.21

Rhodium content 4.9-5.1%