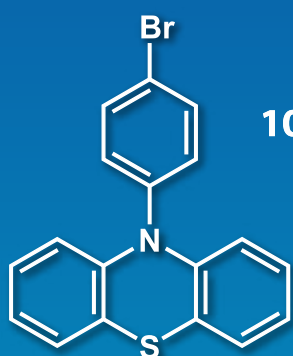
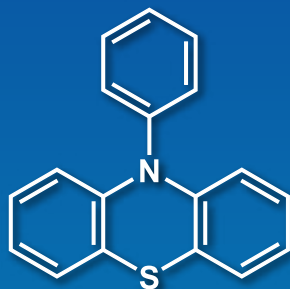


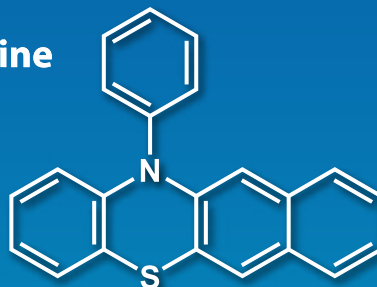
苯基吩噻嗪(PTH)衍生物



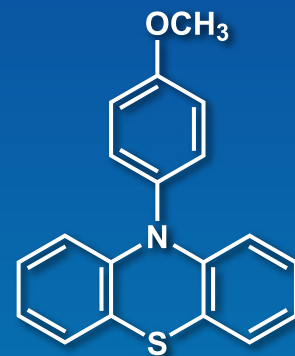
10-(4-Bromophenyl)-phenothiazine
1g
[B5374]



10-Phenylphenothiazine
250mg / 1g / 5g
[P2470]



12-Phenyl-12H-benzo[b]phenothiazine
200mg / 1g
New [P3081]



10-(4-Methoxyphenyl)-phenothiazine
1g / 5g
New [M3639]

苯基吩噻嗪(PTH)是有机半导体的关键组分之一，既是太阳能电池的空穴传输材料¹⁾，也是有机电致发光材料²⁾。此外，它作为有机光催化剂³⁾和有机原子转移自由基聚合(O-ATRP)的催化剂⁴⁾也引起了人们的关注。

- 参考文献 1) R. Grisorio, A. Abate, *et al.*, *ACS Energy Lett.* **2017**, *5*, 1029. <https://doi.org/10.1021/acseenergylett.7b00054>
2) J. K. Salunke, P. P. Wadgaonkar, *et al.*, *J. Mater. Chem. C* **2016**, *4*, 1009. <https://doi.org/10.1039/C5TC03690A>
3) E. H. Discekici, J. R. de Alaniz, *et al.*, *Chem. Commun.* **2015**, *51*, 11705. <https://doi.org/10.1039/C5CC04677G>
4) X. Pan, K. Matyjaszewski, *et al.*, *ACS Macro Lett.* **2015**, *4*, 192. <https://doi.org/10.1021/mz500834g>

相关产品

我们提供多种用于PTH合成的吩噻嗪衍生物。

Phenothiazine	25g / 100g / 500g	[P0106]	2-Ethylthiophenothiazine	25g / 500g	[E0447]
2-Acetylphenothiazine	5g / 25g	[A2815]	2-Methoxyphenothiazine	25g	[M0822]
1-Azaphenothiazine	200mg / 1g	[A2862]	2-Cyanophenothiazine	5g / 25g	[P2308]
2-Chlorophenothiazine	25g / 100g / 500g	[C0248]	2-(Trifluoromethyl)phenothiazine	25g	[T1407]
2-Methylthiophenothiazine	25g	[M1387]	12H-benzo[b]phenothiazine	1g / 5g	[B6562]

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