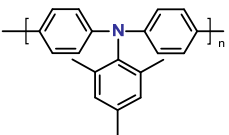
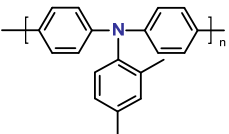
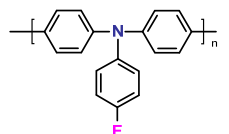
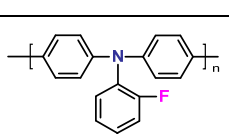
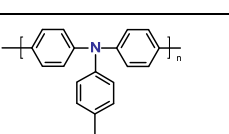


Limited Release of August 2014**Poly(TriArylAmine)-PTAA**

Polytriarylamines(PTAAs) are highly soluble amorphous semiconducting polymers. The nitrogen atoms in the polymer backbone limit delocalization of π electrons between adjacent phenyl units and resulting in low lying HOMO energy levels and excellent oxidative stability. Recently, they have been found of great use in strategically boosting the performance of PEROVSKITE solar cells. 1M has reproduced the following PTAAs constantly for your research and development needs.

<i>IM Code</i>	<i>Common Name</i>	<i>Structure</i>	<i>Remarks</i>
PH0999	PTAA-3Me		CAS#1333317-99-9 Mw ~ 20K
PH0100	PTAA-2Me		CAS#313996-10-0 Mw ~ 30K
PH0648	PTAA-F		CAS#618108-64-8 Mw ~ 20K
PH0104	PTAA-2F,		CAS#1414662-10-4 Mw ~ 20K
PH0353 PH0299 PE0299	Poly-TPD PTAA-Butyl		CAS#472960-35-3 Mw ~ 30K

Other similar PTAAs are also available, please contact info@1-material.com for more information

Organic Nano Electronic(ONE=1)materials for these who understand quality