

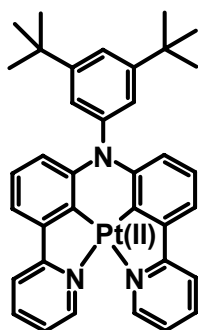
# Tech Note

## TLEC-025

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<b>CAS Number</b>	851605-01-1
<b>CASName</b>	Platinum, [[[3,5-bis(1,1-dimethylethyl)phenyl]imino]bis[6-(2-pyridinyl- $\kappa$ N)-2,1-phenylene- $\kappa$ C]]-, (SP-4-2)- (9CI)
<b>Formula</b>	C <sub>36</sub> H <sub>35</sub> N <sub>3</sub> Pt
<b>Molecular Weight</b>	704.79

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### Performance Examples and References:

**Application:** Light-Emitting Metal Complex (Triplet Red Emitter)

$\lambda_{\text{max}}$ : 625nm(EL)

EQE: 5.7% $@1000\text{cd/m}^2$  (at 15.4V)

CIE<sub>x</sub>:0.665 CIE<sub>y</sub>:0.334)

E<sub>ox</sub>(v.s. AgCl):0.47V

HOMO: 4.80eV

LUMO: 2.62eV

Patent.JP4110173B



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